

Self Checkout 4845



# Parts Manual

## Models 131, 15x, 171, 6xx, 8xx, and BW3





Self Checkout 4845



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## Models 131, 15x, 171, 6xx, 8xx, and BW3

**Note**

Before using this information and the product it supports, be sure to read the "Safety " on page vii and the general information under Appendix B, "Notices," on page 125.

**October 2007**

- | This edition applies to IBM Self Checkout Solution, machine type 4845, Models 131, 151, 152, 153, and 171 and
- | IBM Self Checkout Systems, machine type 4845, Models 602, 603, 606, 612, 613, 616, 800, 810, and BW3.

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## Preface

This parts manual lists the field replaceable units (FRUs) for the IBM Self Checkout Solution Models 131, 151, 152, 153, and 171 and the IBM Self Checkout Systems Models 602, 603, 606, 612, 613, 616, 800, 810, and BW3.

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### How to Use This Parts Manual

This manual is divided into the following components:

- **Core module.** See Chapter 1, “Core Module,” on page 1.
- **Load cell.** See Chapter 2, “Load Cells, Platens, Plates, and Retaining Fences,” on page 53.
- **Security conveyor.** See Chapter 3, “Security Conveyor,” on page 59.
- **Transport conveyor.** See Chapter 4, “Transport Conveyor,” on page 63.
- **Bagging module.** See Chapter 5, “Bagging and Carousel Bagging,” on page 67.
- **Wire Bag Rack.** See Chapter 6, “Wire Bag Rack,” on page 73.
- **BOSS.** See Chapter 7, “BOSS,” on page 77.
- **Paystation.** See Chapter 8, “Integrated Paystation,” on page 81.
- **EPO.** See Chapter 9, “EPO (Red) Button,” on page 85.
- **Cables.** See Chapter 10, “Cables,” on page 89.
- **Locks and keys.** See Chapter 11, “Locks and Keys,” on page 95.
- **Field kits.** See Chapter 12, “Field Kits and Tools,” on page 101.
- **Cabinet parts.** See Appendix A, “Cabinet Parts and Sensors,” on page 105.

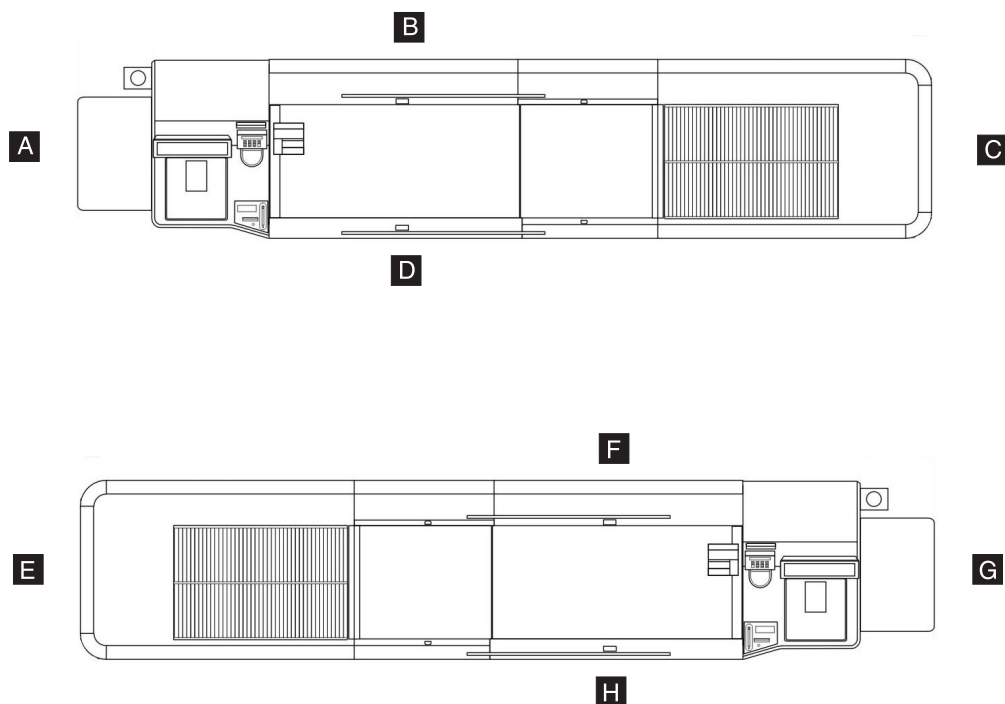
Fasteners, screws, bolts, nuts, grommets and other miscellaneous parts are located in Chapter 12, “Field Kits and Tools,” on page 101.

Pictures in this manual are for reference only. The actual part might look different. When ordering, be sure to order the correct part using the machine type and model number.

Parts without index numbers or FRU numbers are shown for reference only. Some parts listed by FRU number are not pictured.

### Identifying a Right Hand or Left Hand Model

Figure 1 on page vi shows a right-hand lane and a left-hand lane and gives the naming conventions used in this manual for referring to the sides of the lanes.



<b>A</b>	Start of right-hand lane.
<b>B</b>	Rear side (or left side relative to the transaction flow) of right-hand lane. The emitters are on the left side of the conveyor.
<b>C</b>	End of right-hand lane.
<b>D</b>	Front (customer side or right side relative to the transaction flow) of right-hand lane. The detectors are on the right side of the conveyor.
<b>E</b>	End of left-hand lane.
<b>F</b>	Rear side (or right side relative to the transaction flow) of left-hand lane. The detectors are on the right side of the conveyor.
<b>G</b>	Start of left-hand lane.
<b>H</b>	Front (customer side or left side relative to the transaction flow) of left-hand lane. The emitters are on the left side of the conveyor.

Figure 1. Right-Hand and Left-Hand Lanes

## Related Publications

- *IBM Self Checkout 4845 Overview Models 131, 15x, 171, 6xx, 8xx and BW3, GC30-9732*
- *IBM Self Checkout 4845 Hardware Planning and Installation Guide Models 131, 15x, 171, 6xx, 8xx, and BW3, GC30-9733*
- *IBM Self Checkout Solution 4845 Operations Guide Models 131, 151, 152, 153, and 171, GA27-4341 (for software releases prior to Version 5 Release 2)*
- *IBM Self Checkout Solution 4845 Operations Guide Models 131, 151, 152, 153, and 171, with Version 5 Release 2 Software, GC30-9734*
- *IBM Self Checkout 4845 Operations Guide Models 6xx, 8xx, and BW3 with IBM Checkout Environment for Consumer-Service Version 6, GC30-9729*

- *IBM Self Checkout 4845 Hardware Service Guide Models 131, 15x, 171, 6xx, 8xx, and BW3, GY27-0442*
- *IBM Checkout Environment for Consumer-Service Software Planning, Installation, and Maintenance Guide for Version 6, SC30-4156*
- *IBM Checkout Environment for Consumer-Service Software Programming Guide for Version 6, SC30-4157*
- *IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355*
- *IBM 4610 SureMark Printers User Guide, GA27-4151*
- *IBM 4820 SurePoint Solution Planning, Installation and Service Guide, GA27-4231*
- *IBM 4800 SurePOS 720, 740, and 780 Hardware Service Guide, SA27-4329*
- *IBM 4800 SurePOS 720, 740, and 780 Planning, Installation and Operation Guide, GA27-4328*
- *IBM 4694 Point-of-Sale Terminal Hardware Service Manual, SY27-0364*
- *IBM Safety and Regulatory Information - Read This First, GA27-4004*

## Where to Find More Information

Current versions of Retail Store Solutions documentation are available on the IBM Retail Store Solutions Web site at [www.ibm.com/solutions/retail/store](http://www.ibm.com/solutions/retail/store). Select **Support**; then select **Publications**.

For information about publications not contained on the Web site, contact your IBM representative or your place of purchase.

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## Safety

Before you begin to install or service this product, read the safety information in the *IBM Safety and Regulatory Information - Read This First, GA27-4004*. This book describes the safe procedures for installing and servicing IBM products. In addition, read the following safety information.

### DANGER

**Electrical power must be removed before performing any maintenance or service on the self checkout product. See *IBM Self Checkout 4845 Hardware Service Guide Models 131, 15x, 171, 6xx, 8xx, and BW3, GY27-0442* for information about removing power.**

### DANGER

**If the self checkout product is equipped with an uninterruptible power supply some devices are still energized after the removal of ac power. The uninterruptible power supply must be disconnected to ensure that all power is removed from the self checkout product.**

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## Publications Accessibility

The soft-copy version of this guide and other related publications are accessibility-enabled.

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- Print and complete the form at the end of this document. Return the form to IBM by mail or by giving it to an IBM representative.

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Between major revisions of this document, there might be minor technical updates. The latest version of this document is available on the Retail Store Solutions Web site at <http://www.ibm.com/solutions/retail/store/support/publications/>.

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## Uninterruptible Power Supply Option

This product contains a sealed lead acid battery. The battery must be recycled or disposed of properly.

In the United States, IBM has established a collection process for reuse, recycling, or proper disposal of used IBM sealed acid batteries. For information about proper disposal of these batteries, please contact IBM at 1-800-426-4333. Please have the IBM part number listed on the battery available prior to your call.

For information about disposal of sealed acid batteries outside the United States, go to the following URL or contact your local waste disposal facility.

<http://www.ibm.com/ibm/environment/products/batteryrecycle.shtml>

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## Taiwanese Battery Recycling Statement

Waste batteries, please recycle.



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## End of life disposal

This unit must be recycled or discarded according to applicable local and national regulations. IBM encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. IBM offers a variety of product return programs and services in several countries to assist equipment owners in recycling their IT products. Information on IBM product recycling offerings can be found on IBM's Internet site at <http://www.ibm.com/ibm/environment/products/prp.shtml>.



**Notice:** This mark applies only to countries within the European Union (EU) and Norway.

Appliances are labeled in accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment (WEEE). The Directive determines the framework for the return and recycling of used appliances as applicable throughout the European Union. This label is applied to various products to indicate that the product is not to be thrown away, but rather reclaimed upon end of life per this Directive.

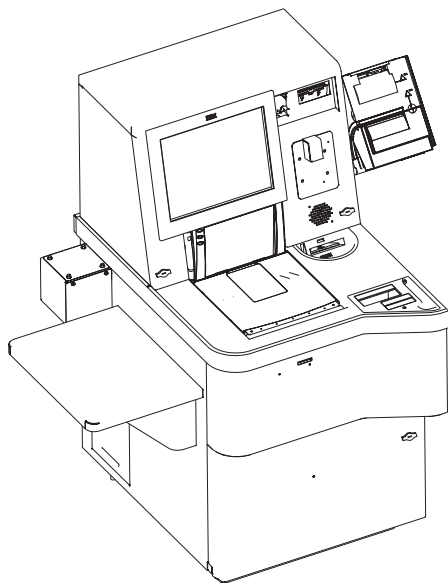
In accordance with the European WEEE Directive, electrical and electronic equipment (EEE) is to be collected separately and to be reused, recycled, or recovered at end of life. Users of EEE with the WEEE marking per Annex IV of the WEEE Directive, as shown above, must not dispose of end of life EEE as unsorted municipal waste, but use the collection framework available to customers for the return, recycling, and recovery of WEEE. Customer participation is important to minimize any potential effects of EEE on the environment and human health due to the potential presence of hazardous substances in EEE. For proper collection and treatment, contact your local IBM representative.

Disposal of IT products should be in accordance with local ordinances and regulations.

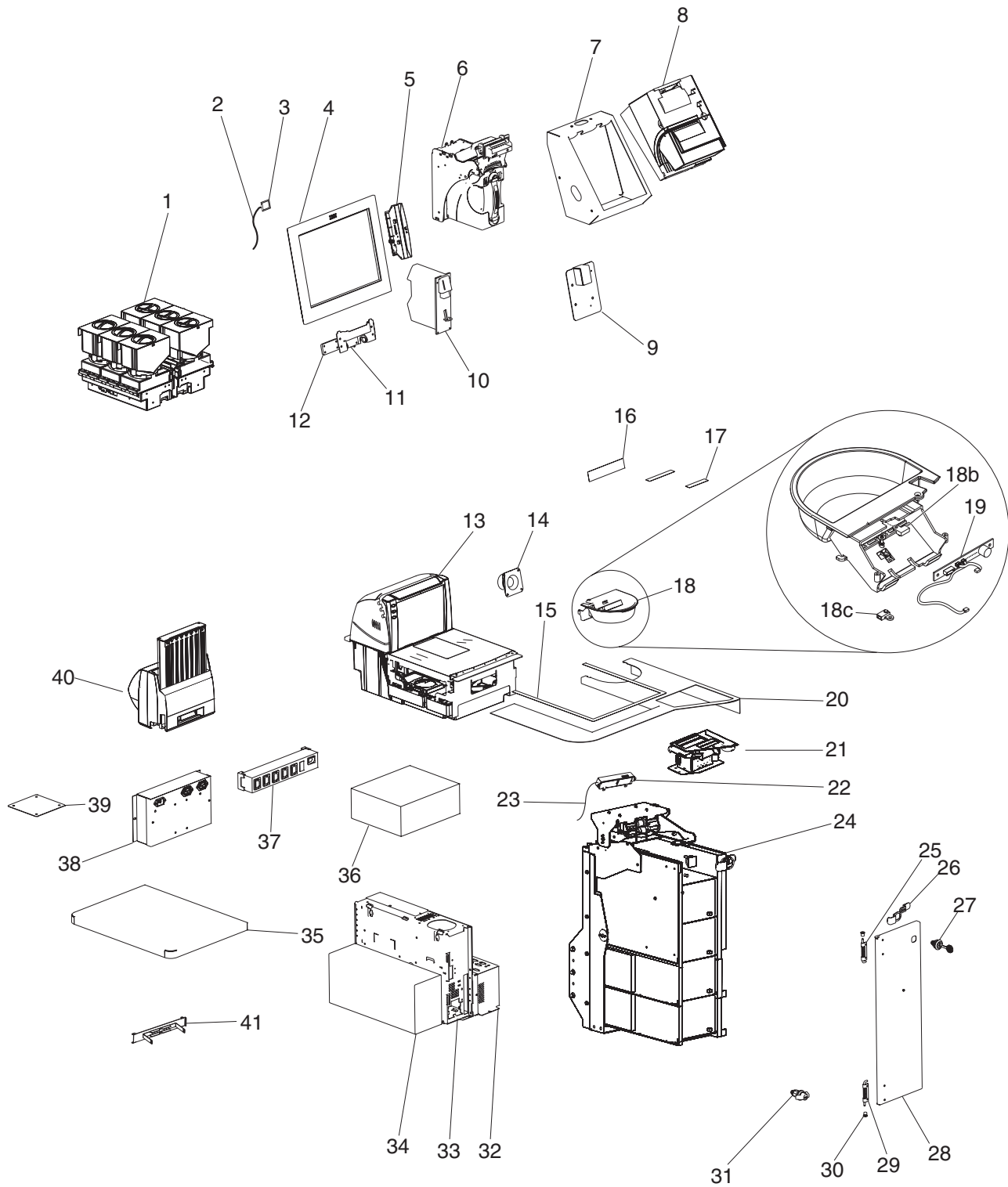


## Chapter 1. Core Module

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## Assembly 1: Core Module

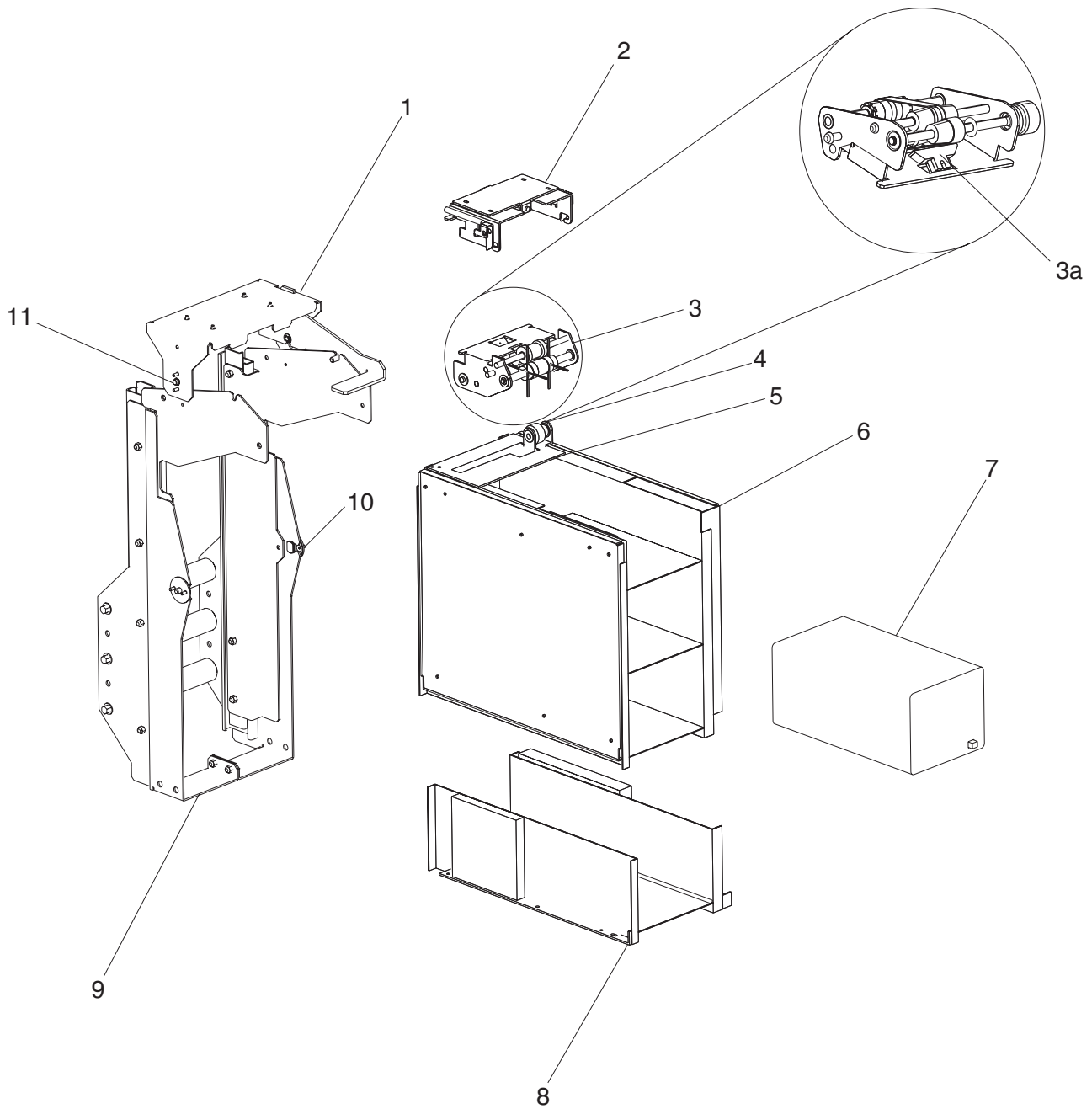


Asm- Index	Part Number	Units	Description
1-			<b>See “How to Use This Parts Manual” on page v for general parts manual information, including finding and ordering parts. See “Identifying a Right Hand or Left Hand Model” on page v for how to identify left hand and right hand models.</b>
-1		1	Hopper coin dispenser. See “Assembly 9: Coin Dispensers” on page 20 for a complete listing of coin dispenser parts.
-2	40M9470	1	Cable, Reset Button
-3	40M9469	1	Button Assembly, Reset (on upper door behind monitor)
-4	41J9296	1	Monitor, IBM SurePoint Model 4820 - 5WN (USB with I/O support), pearl white (BOSS) (machines built after July 31, 2006)
-4	40M9366	1	Monitor, IBM SurePoint Model 4820 - 5WN (USB with I/O support), pearl white (BOSS)
-4	41J9298	1	Monitor, IBM SurePoint Model 4820 - 5WN (USB without I/O support), pearl white (lane)
-4	41J9295	1	Monitor, IBM SurePoint Model 4820 - 5GN (USB with I/O support), iron gray (RAP/BOSS)
-4	41J9297	1	Monitor, IBM SurePoint Model 4820 - 5GN (USB without I/O support), iron gray (lane) (machines built after July 31, 2006)
-4	28R5455	1	Monitor, IBM SurePoint Model 4820 - 5GN (USB without I/O support), iron gray (lane)
-4	44M1846	1	Monitor, IBM SurePoint Model 4820 - 5GN (RS232 touch I/O), iron gray (EMEA)
-4	44D1157	1	Monitor, flat, T115 TFT, Model 4942 - 15X, black
-	14J1054	1	3.8 cable, Analog video Monitor, IBM SurePoint Model 4820.
-	42M5667	1	3.8 cable, Analog video Monitor, IBM SurePoint Model 4820 (machines built after July 31, 2006).
-	01L1637	1	3.8 cable, USB Touchscreen Monitor, IBM SurePoint Model 4820.
-	42M5632	1	3.8 cable, USB Touchscreen Monitor, IBM SurePoint Model 4820 (machines built after July 31, 2006).
-5	40N6220	1	Magnetic stripe reader, pearl white (attaches to the 4820 display)
-5	40N6224	1	Magnetic stripe reader, iron gray (attaches to the 4820 display)
-6		1	Bill acceptor assembly. See “Assembly 11: Bill Acceptor” on page 26 for a complete listing of bill acceptors and parts.
-7			See “Assembly 12: Printers Tlx and TGx” on page 28.
-8			See “Assembly 12: Printers Tlx and TGx” on page 28.
-9	41E1851	1	Cover plate if there is no pinpad (not shown)
-9			Magnetic strip reader mount and pin pad mounting. See “Assembly 16: Magnetic stripe reader and pin pad mount” on page 40).
-10		1	Coin acceptor. See “Assembly 10: Coin Acceptor” on page 24 for a complete listing of coin acceptors and parts.
-11	41E1849	1	SurePoint display hinge
-12	41E1850	1	Display mounting kit (includes 4 - shoulder washers, 8 - screws, 4 - M4 top inserts, 1 - spacer plate, 1 - limiter (right hand), and 1 - limiter (left hand).
-13		1	Scanner/scale (shown for reference only)
-	41D7211	1	Scanner Adapter plate, Fujitsu (customer furnished scanner)
-14	28R3786	1	Speaker
-14	41D7083	1	Speaker (machines built after July 31, 2006)
-	41K6370	1	Speaker Audio cable (not shown)
-15		1	Scanner/scale contrast label (shown for reference only)
-16	42K0356	1	Label, Cash Out, right hand
-16	42K0360	1	Label, Cash Out, left hand
-17	42K0358	1	Label, Coupon
-18	41J9839	1	Cash cup assembly, right hand
-18	41J9841	1	Cash cup assembly, left hand

Asm- Index	Part Number	Units	Description
-18	41K6356	1	Cash cup, left hand
-18	41K6355	1	Cash cup, right hand
-18B	41D7080	1	Detector, cash cup
-18C	41D7082	1	Emitter, cash cup
-19	41J9838	1	Sensor card, cash cup
-20		1	Countertop. See "Assembly 18: Countertop" on page 44 for a complete listing of available countertops.
-21		1	Signature capture device. See "Assembly 19: Signature Capture and Coupon Acceptor" on page 46 for a complete listing of signature capture parts.
-22	41J9916	1	Proximity sensor
-23	40M9472	1	Proximity sensor cable
-24		1	Bill dispenser assembly. See "Assembly 2: Bill Dispenser" on page 6.
-25	41D9329	1	Hinge, upper hinge for right hand door (lower hinge for the left hand door)
-26	41K6087	1	Safe door cam lock
-27	41K6120	1	Safe door lock, currency lock with key. See Chapter 11, "Locks and Keys," on page 95.
-28	41K6089	1	Safe door, right hand
-28	41K6090	1	Safe door, left hand
-29	41D9330	1	Hinge, lower hinge for the right hand door (upper hinge for the left hand door)
-30	41K6166	1	Bushing, hinge
-31		1	Keylock, cabinet lock with key. See Chapter 11, "Locks and Keys," on page 95.
-32	41J9135	1	Security controller
-33		1	Lane PC. See "Assembly 21: Lane PC, Mouse, and Keyboard" on page 50.
-34	41D9359	1	Uninterruptible power supply, 230V/400W (BK650EI) (machines built after July 31, 2006)
-34	41D7068	1	Uninterruptible power supply, 115V (replaces 28R3582) (SU620)
-	44D0872	1	APC RBC4 Uninterruptible power supply replacement battery (for SU620)
-	44D0874	1	APC RBC5 Uninterruptible power supply replacement battery (for SU700INET)
-	44D1125	1	APC RBC17 Uninterruptible power supply replacement battery (for BK650EI) (machines built after July 31, 2006)
-35	41K6161	1	Customer or basket shelf
-36		1	Sensormatic Scan Max Pro controller (shown for reference only)
-37	28R3587	1	Power strip, 5 Outlet, IEC320 (International, not US and Canada)
-	28R3595	1	Power strip, 115V, US, Canada, 8 outlet (not shown)
-	41D7775	1	Power strip IEC320 C-14 to 5 EU1-16R, French
-	44D0448	1	Power strip, IEC 60320 C-14 to 5 UK-13R
-38	41J9542	1	Filter/power box
-39	41E1865	1	Cover plate, lane light
-40		1	Cassette Coin dispenser. See "Assembly 9: Coin Dispensers" on page 20 for a complete listing of coin dispenser parts.
-41	41J9891	1	Bracket for vacuum florescent (VF) display (for some fiscal printers)
-	40N4716	1	3.8m Printer USB cable (not shown)
-	41K6369	1	PC Audio cable (not shown)
-	41D7073	1	Cable, 6 foot, DB9, male/female, used for uninterruptible power supply data (not shown)
-	41E1832	1	Power strip mounting plate (not shown)
-	28R3559	1	Power jumper cord, IEC 60320 C-14 to NEMA 5-15R (not shown)
-	39M5376	1	Power jumper cord, IEC320, 2-0M
-	41K6368	1	Power supply, Security controller (not shown)
-			<b>See Appendix A, "Cabinet Parts and Sensors," on page 105 for available cabinet FRUs.</b>
-			<b>See Chapter 10, "Cables," on page 89 for additional cable FRUs.</b>

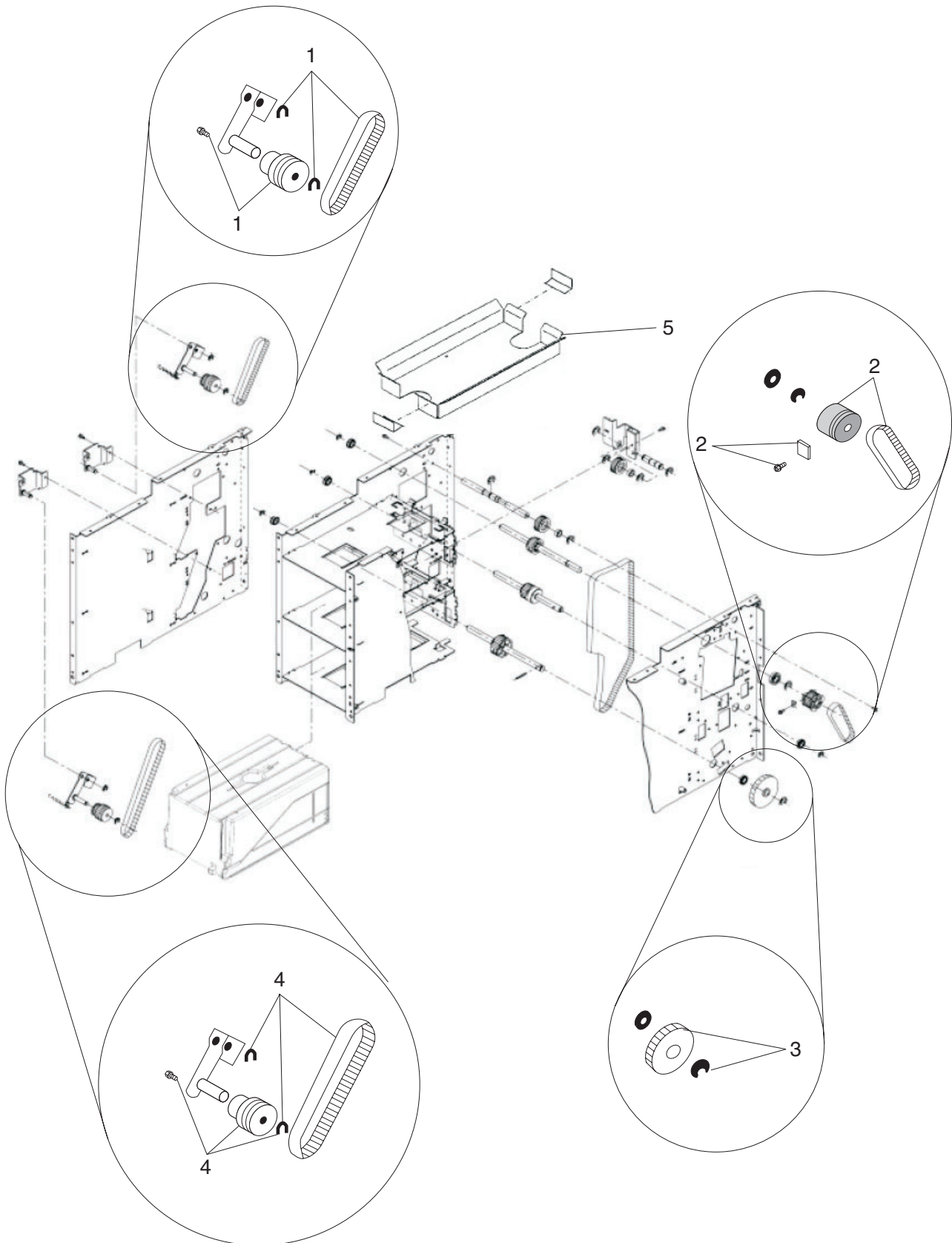


## Assembly 2: Bill Dispenser



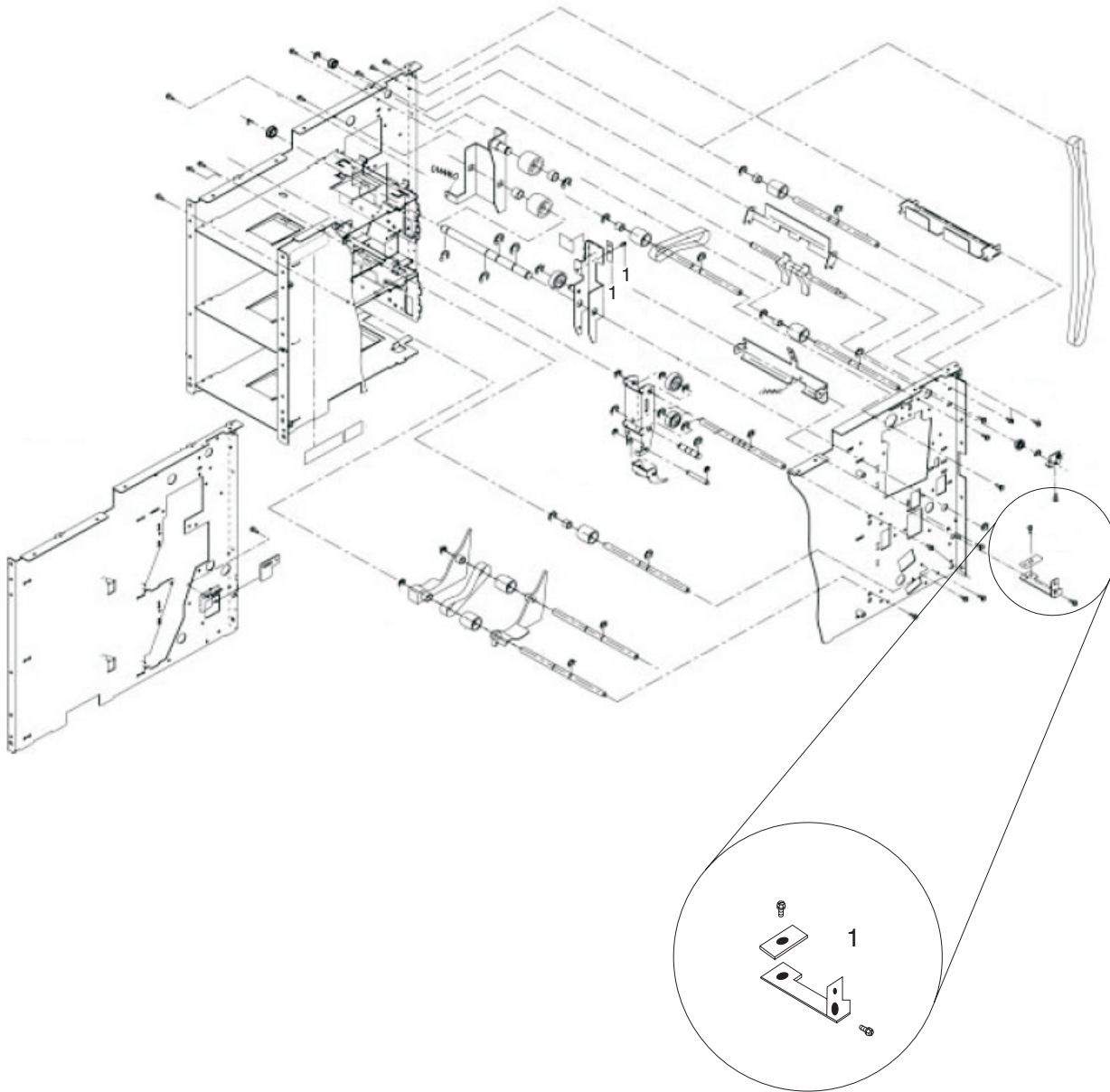
Asm- Index	Part Number	Units	Description
2-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	41E1866	1	Bracket assembly, bill dispenser presenter mounting
-2	41K6318	1	Mount, bill dispenser (remains in cabinet)
-3	41K6319	1	Presenter, bill dispenser
-3A	41D7135	1	Sensor prism, presenter
-4	41D7137	1	Gear train, presenter gears
-5	41D7139	1	Presenter sensor plate
-6	41D7213	1	Bill dispenser, universal, 2 bin
-7	41D7053	1	Cartridge, universal, bill dispenser (includes configuration instructions and labels for each currency). See "Assembly 7: Bill Dispenser Cassette" on page 16 for additional component details.
-8	41D7215	1	Additional denomination module
-9	41K6398	1	Slide assembly, bill dispenser (with counter weight)
-10	41K6399	1	Mount parts, bill dispenser (pivot, screws, latch spring)
-11	41D8199	1	Set screw, bill dispenser presenter mount
-	41D7123	1	Presenter unit cable assembly (not shown)
-	41D7127	1	Presenter unit exit sensor (not shown)

## Assembly 3: Bill Dispenser Main Unit Illustration 1 of 3



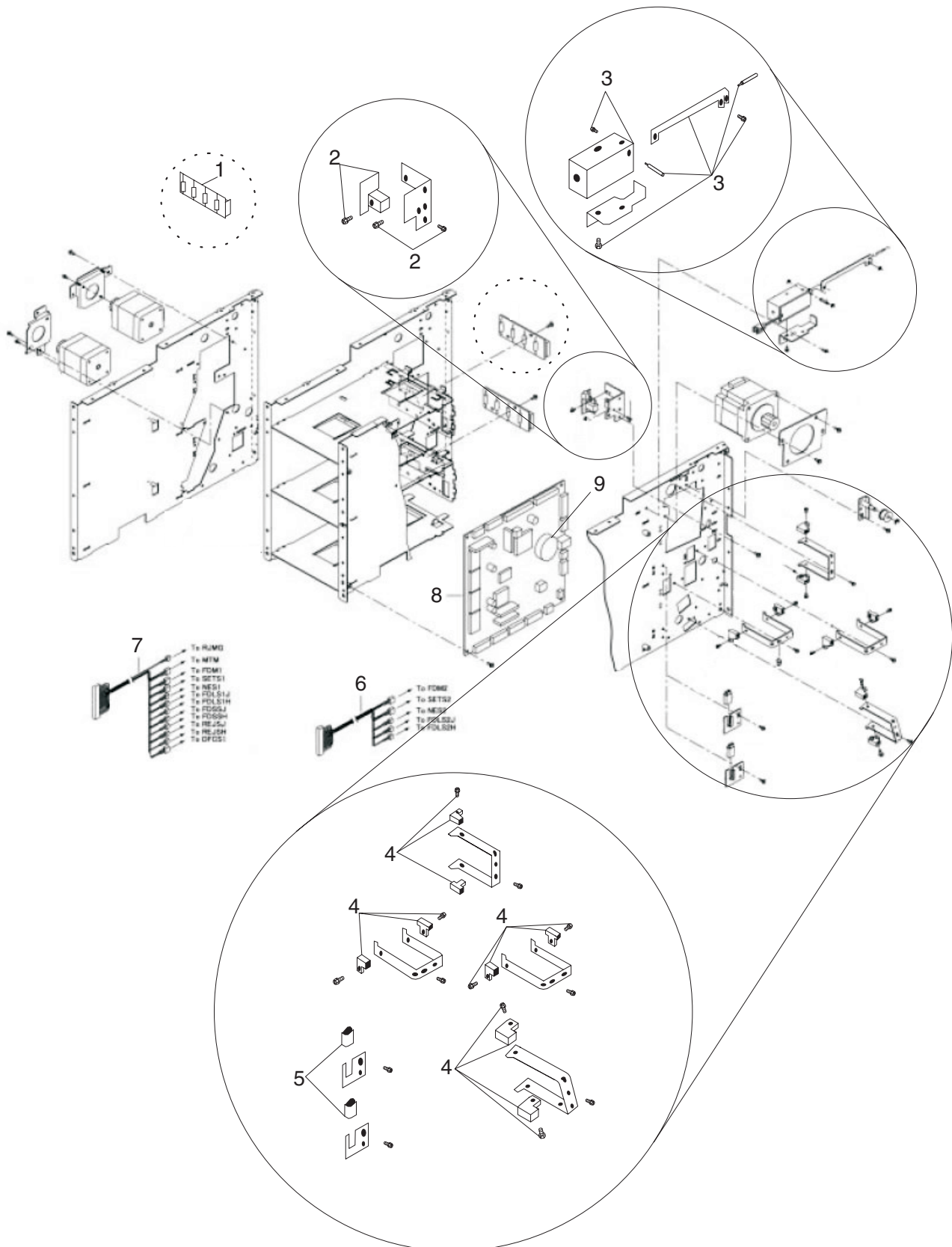
Asm- Index	Part Number	Units	Description
3-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	41K6289	1	Timing kit, main unit channel 1 (includes 1 gear pulley, 2 retaining rings, 1 spring, 1 timing belt)
-2	41D7119	1	Timing kit, intermodule (includes 1 timing belt, 1 washer, 1 screw, 1 pulley)
-3	41K6303	1	Main/lower unit interconnect (includes 1 gear, 1 pin, 1 retainer E ring)
-4	41K6290	1	Timing kit, main unit channel 2 (includes 1 gear pulley, 2 retaining rings, 1 spring, 1 timing belt)
-5	41D7133	1	Reject bin

## Assembly 4: Bill Dispenser Main Unit Illustration 2 of 3



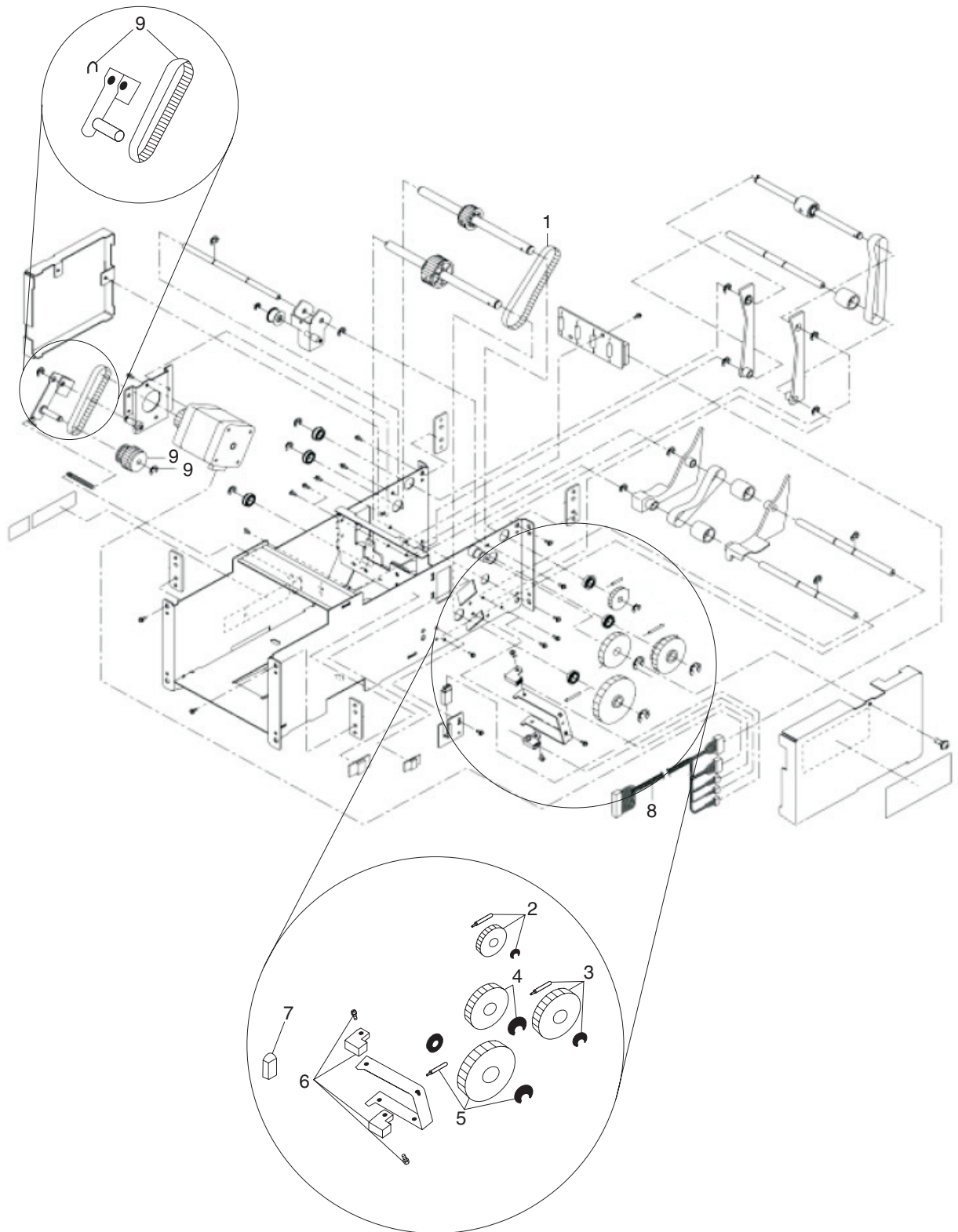
<b>Asm- Index</b>	<b>Part Number</b>	<b>Units</b>	<b>Description</b>
4-			See “How to Use This Parts Manual” on page v for general parts manual information, including ordering parts. See “Identifying a Right Hand or Left Hand Model” on page v for how to identify left hand and right hand models.
-1	41D7105	1	Scraper kit (includes 1 large and 1 small scraper, 2 screws (1 for each scraper)

## Assembly 5: Bill Dispenser Main Unit Illustration 3 of 3



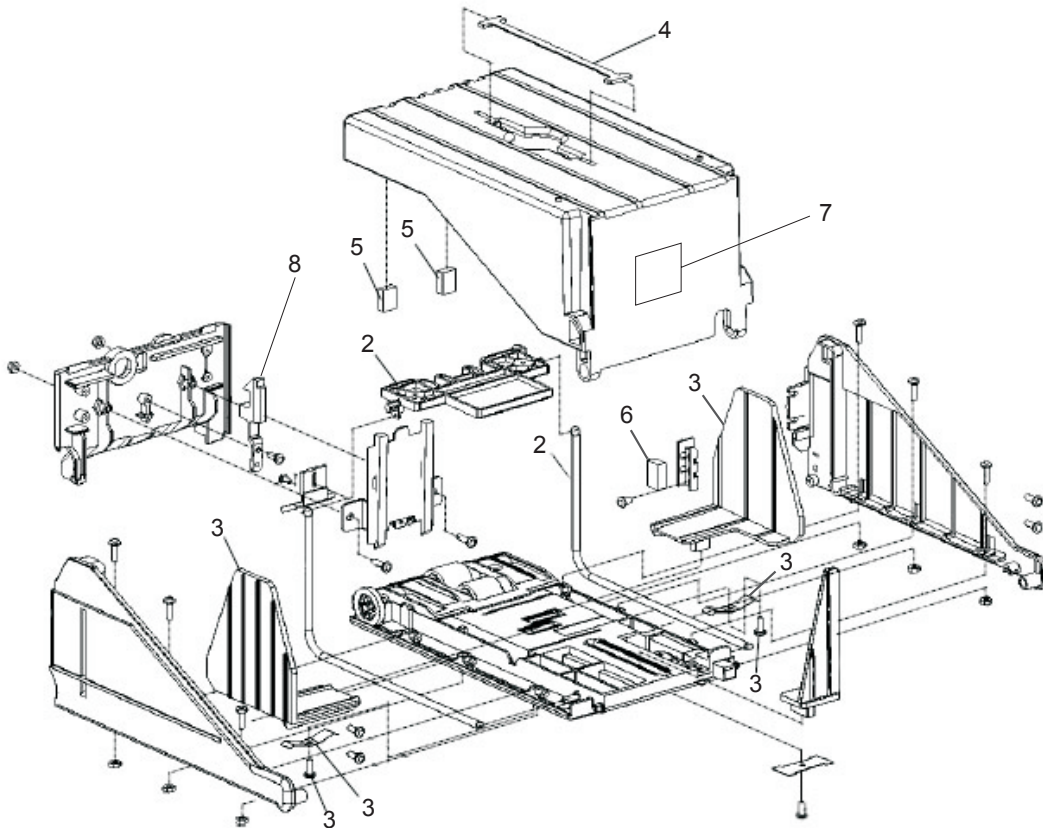
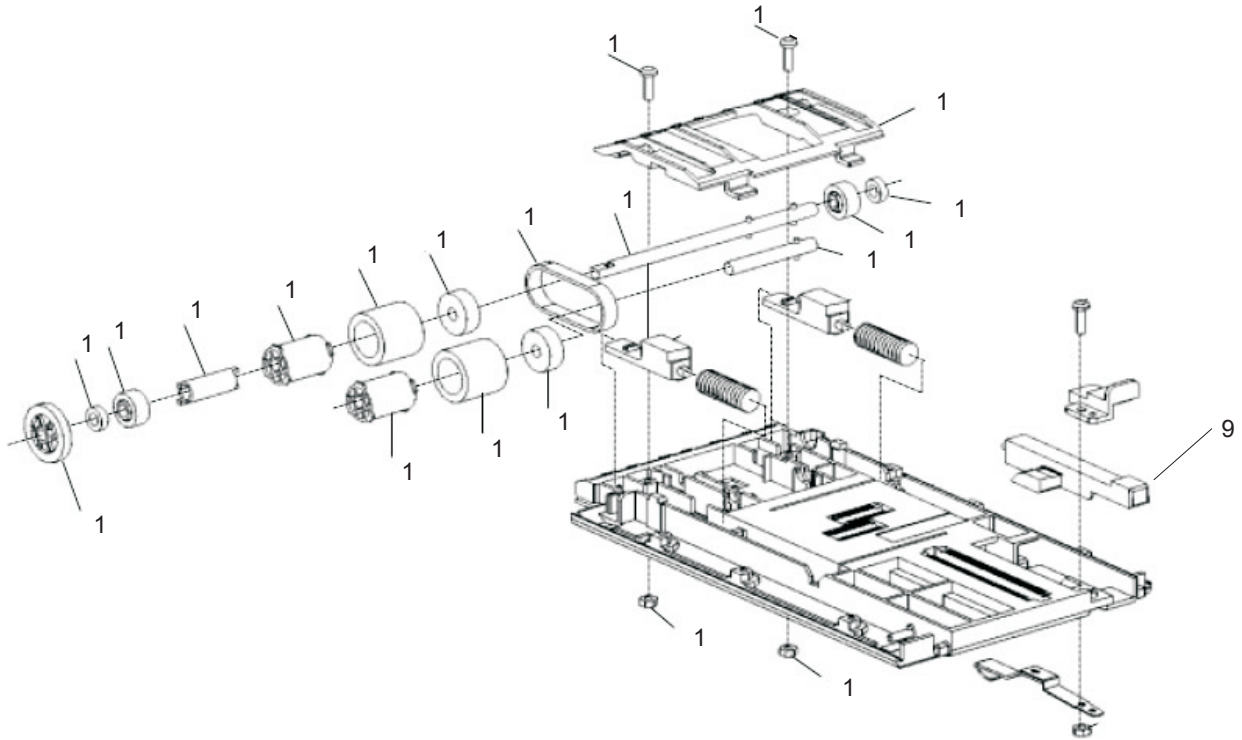
Asm- Index	Part Number	Units	Description
5-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1		1	Printed circuit board (reed switch type, sometimes referred to as a PCB) - not serviceable (replace the bill dispenser assembly)
-2	41D7103	1	Thickness sensor (includes 1 sensor, 2 screws, 1 shaft, 1 retaining ring)
-3	41D7107	1	Solenoid kit (includes 1 solenoid, 3 screws, 3 retaining rings, 1 spring, 1 shaft, 1 MG arm)
-4	41D7563	1	Bill dispenser sensor kit (includes 2 sensors, 2 screws)
-5	41D7125	1	Cassette sensor, bill dispenser
-6	41D7113	1	Cable, CAU 2 Main unit controlled access unit
-7	41D7111	1	Cable, CAU 1 Main unit
-8	41D7109	1	Printed circuit board (main unit, sometimes referred to as a PCB)
-9	04G5389	1	Battery, Lithium
-9	41D7610	1	Battery, Lithium bill dispenser (machines built after July 31, 2006)

## Assembly 6: Bill Dispenser Lower Unit



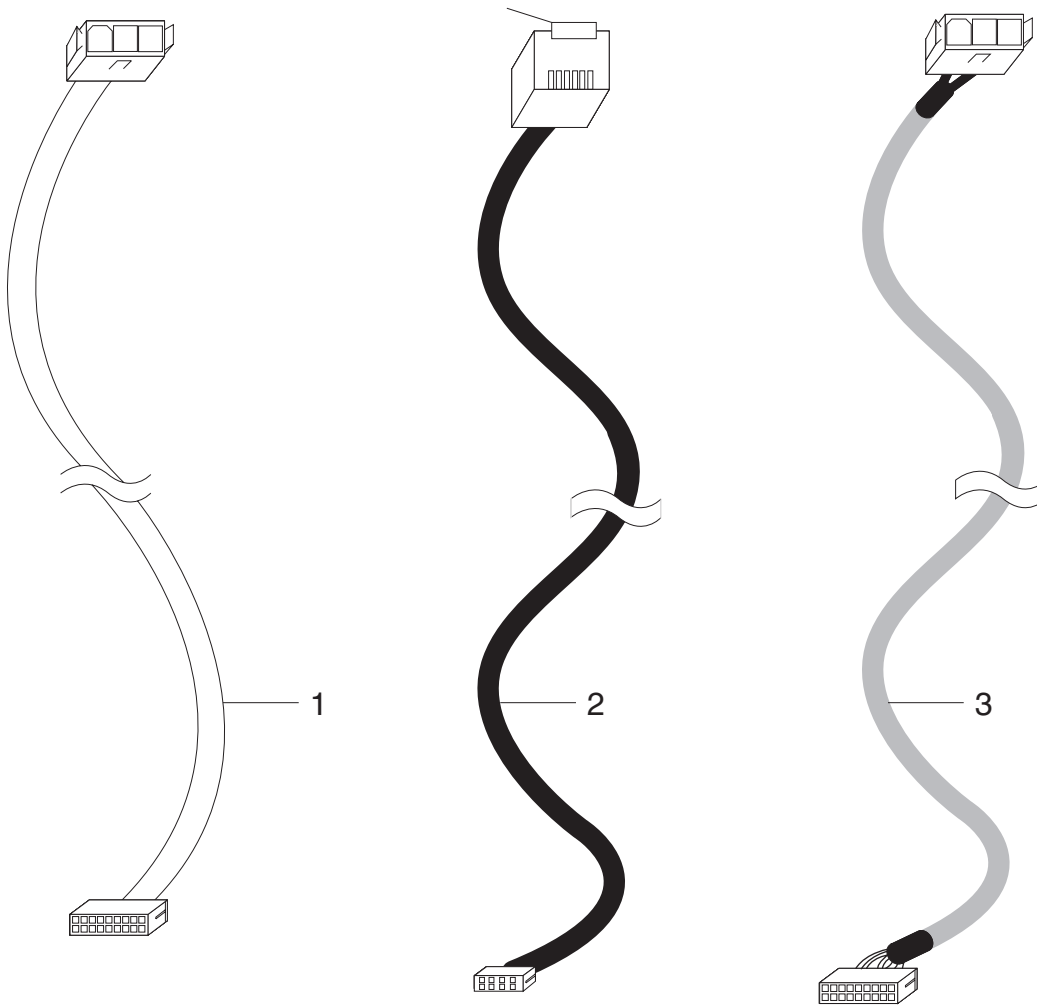
Asm- Index	Part Number	Units	Description
6-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	41K6308	1	Lower unit timing belt
-2	41K6306	1	Lower unit gear 20 kit (includes 1 pin, 1 gear, 2 retaining E rings)
-3	41D7217	1	Lower unit gear 34 kit (includes 1 pin, 1 gear, 1 retaining E ring)
-4	41K6307	1	Lower unit gear 54 kit (includes 1 gear, 1 retaining ring)
-5	41D7121	1	Lower unit gear 44 kit (includes 1 pin, 1 gear, 1 retaining ring)
-6	41D7563	1	Bill dispenser sensor kit. See 5-4 on page 13.
-7	41D7125	1	Cassette sensor, bill dispenser
-8	41K6309	1	Cable assembly, lower unit
-9	41K6291	1	Timing kit, lower unit (includes 1 gear pulley, 2 retaining rings, 1 spring, 1 timing belt)

## Assembly 7: Bill Dispenser Cassette



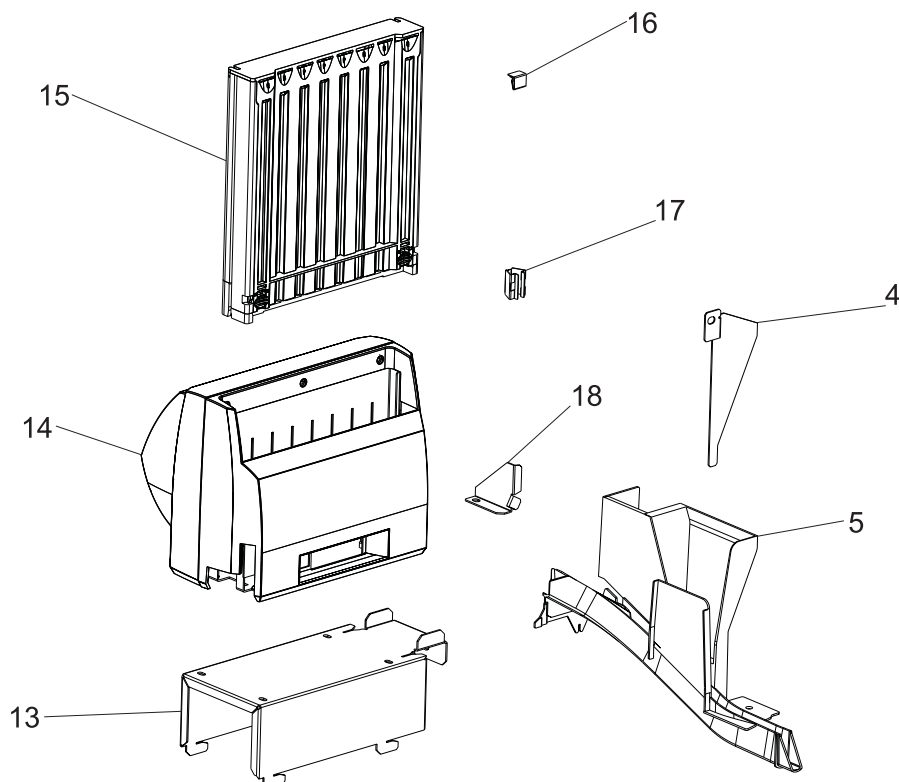
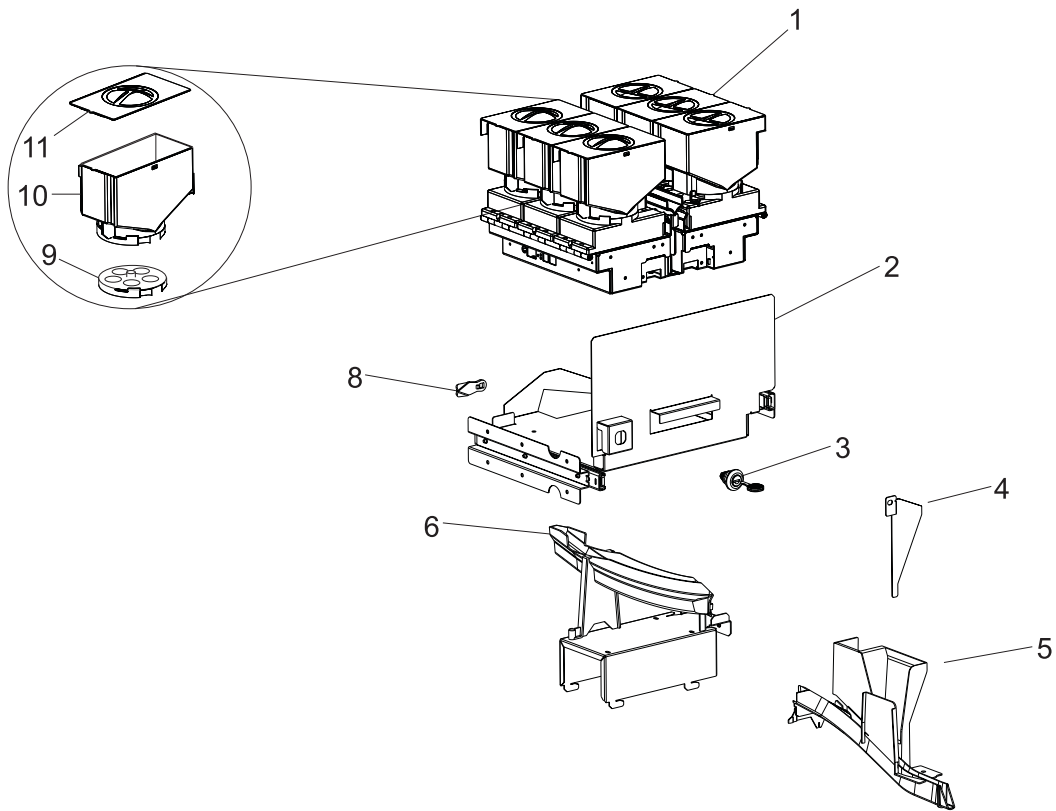
Asm- Index	Part Number	Units	Description
7-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-	41D7053	1	Cassette, universal bill dispenser
-1	41D7115	1	Pick roller kit (includes 1 passway, 1 spacer, 2 shaft assemblies, 2 pulleys, 2 one-way rollers, 3 gears, 2 rollers, 2 bearings, 1 timing belt, 2 screws, 2 nuts)
-2	41K6298	1	Cassette pressure plate kit (includes 1 pressure plate, 1 spring, 1 rubber sheet)
-3	41D7117	1	Cassette currency rails kit (includes 2 adjuster S, 4 leaf springs, 1 adjuster R, 4 screws, 1 rear pressure, 1 spring, 1 rubber sheet)
-4	41K6300	1	Cassette handle
-5	41K6301	1	Cassette magnets (package of 2)
-6	41D7131	1	Cassette prism
-7	42K0061	1	Cassette label "1" (not shown)
-7	42K0062	1	Cassette label "5" (not shown)
-7	42K0063	1	Cassette label "10" (not shown)
-7	42K0064	1	Cassette label "20" (not shown)
-8	41K6322	1	Cassette latching hook
-9	44M1840	1	Cassette latch
-	41D7129	1	Low note sensor

## Assembly 8: Bill Dispenser Communications and Power



Asm- Index	Part Number	Units	Description
8-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	39M5374	1	1.0m power jumper cord (Uninterruptible power supply to Controller Uninterruptible power supply In)
-2	40M9400	1	Cable, bill dispenser data
-3	41K6080	1	Power dongle, 24V
-	40N5606	1	Power adapter (power supply), 24V (not shown) (machines built after July 31, 2006)

## Assembly 9: Coin Dispensers

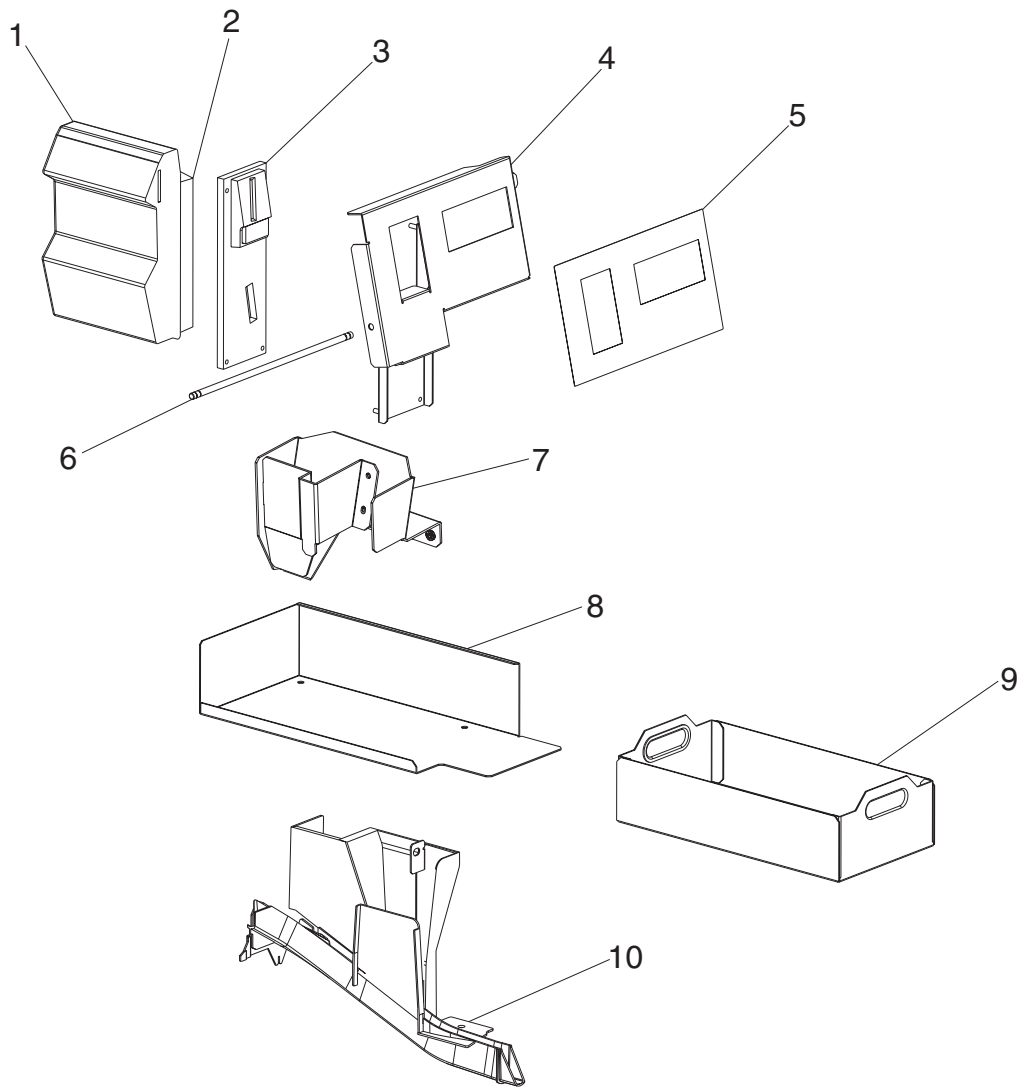


Asm- Index	Part Number	Units	Description
9-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-	41D7047	1	Hopper coin dispenser, UK (includes assembly index # 1 ,9, 10, 11 and the base)
-	44D1294	1	Hopper coin dispenser, Euro (includes assembly index # 1 ,9, 10, 11 and the base)
-	41D7043	1	Hopper coin dispenser, US (includes assembly index # 1 ,9, 10, 11 and the base)
-	41D7045	1	Hopper coin dispenser, Canada (includes assembly index # 1 ,9, 10, 11 and the base)
-	41D7051	1	Hopper coin dispenser, Australia (includes assembly index # 1 ,9, 10, 11 and the base)
-1	41J7615	1	Hopper, coin dispenser, US/Canada .01
-1	41J7616	1	Hopper, coin dispenser, US/Canada .05
-1	41J7617	1	Hopper, coin dispenser, US/Canada .10
-1	41J7618	1	Hopper, coin dispenser, US/Canada .25
-1	41J7619	1	Hopper, coin dispenser, US/Canada 1.00
-1	41J7620	1	Hopper, coin dispenser, Canada 2.00
-1	41J7621	1	Hopper, coin dispenser, UK .01
-1	41J7622	1	Hopper, coin dispenser, UK .02
-1	41J7623	1	Hopper, coin dispenser, UK .05
-1	41J7624	1	Hopper, coin dispenser, UK .10
-1	41J7625	1	Hopper, coin dispenser, UK .20
-1	41J7626	1	Hopper, coin dispenser, UK 1.00
-1	41J7627	1	Hopper, coin dispenser, Euro .01
-1	41J7628	1	Hopper, coin dispenser, Euro .02
-1	41J7629	1	Hopper, coin dispenser, Euro .05
-1	41J7630	1	Hopper, coin dispenser, Euro .10
-1	41J7631	1	Hopper, coin dispenser, Euro .20
-1	41J7632	1	Hopper, coin dispenser, Euro .50
-1	41J7633	1	Hopper, coin dispenser, Euro 1.00
-1	41J7634	1	Hopper, coin dispenser, Euro 2.00
-2	41K6082	1	Hopper mount assembly, right hand (includes slide rails)
-2	41K6086	1	Hopper mount assembly, left hand (includes slide rails)
-3		1	Keylock. See Chapter 11, "Locks and Keys," on page 95.
-4	41D7076	1	Reject plate, coin, right hand
-4	41D7078	1	Reject plate, coin, left hand
-5	41K6363	1	Chute, coin, right hand, for both hopper and cassette coin dispensers
-5	41K6364	1	Chute, coin, left hand, for both hopper and cassette coin dispensers
-6	41D7813	1	Upper coin chute assembly, right hand
-6	41D7815	1	Upper coin chute assembly, left hand
-8	41K6088	1	Lock, cam
-9	41J7638	1	Hopper coin dispenser rotor, US/Canada .01
-9	41J7639	1	Hopper coin dispenser rotor, US/Canada .05
-9	41J7640	1	Hopper coin dispenser rotor, US/Canada .10
-9	41J7641	1	Hopper coin dispenser rotor, US .25, UK .10
-9	41J7642	1	Hopper coin dispenser rotor, US/Canada 1.00
-9	41J7643	1	Hopper coin dispenser rotor, Canada 2.00
-9	41J7644	1	Hopper coin dispenser rotor, UK .01
-9	41J7645	1	Hopper coin dispenser rotor, UK .02
-9	41J7646	1	Hopper coin dispenser rotor, UK .05
-9	41J7648	1	Hopper coin dispenser rotor, UK .20 Euro .05
-9	41J7649	1	Hopper coin dispenser rotor, UK 1.00
-9	44D1296	1	Hopper coin dispenser rotor, Euro .01
-9	41J7651	1	Hopper coin dispenser rotor, Euro .02/.10

Asm- Index	Part Number	Units	Description
-9	41J7654	1	Hopper coin dispenser rotor, Euro .20/1.00
-9	41J7655	1	Hopper coin dispenser rotor, Euro .50/2.00
-10	41J7658	1	Hopper coin dispenser bin, clear
-11	41J7659	1	Hopper coin dispenser bin cover kit (includes cover body, label set for US, UK, Euro)
-13	41K6353	1	Coin dispenser stand
-14	41K6077	1	Coin dispenser with cable and power supply (does not include cartridge/cassette) (unconfigured)
-14	41K7207	1	Coin dispenser with cable and power supply (does not include cartridge/cassette), US
-14	41K7208	1	Coin dispenser with cable and power supply (does not include cartridge/cassette), Canada
-14	41K7209	1	Coin dispenser with cable and power supply (does not include cartridge/cassette), Euro
-14	41K7210	1	Coin dispenser with cable and power supply (does not include cartridge/cassette), Australia
-14	41K7211	1	Coin dispenser with cable and power supply (does not include cartridge/cassette), UK
-15	28R3678	1	Cassette, coin, Canada
-15	28R3679	1	Cassette, coin, Euro
-15	28R3680	1	Cassette, coin, Australia
-15	28R5399	1	Cassette, coin, UK
-15	28R5466	1	Cassette, coin, US
-16	41D8231	1	Corner plug, coin dispenser (used to block loading of coins in one or more stacks)
-17	41D8229	1	Wing clip, coin dispenser cassette (used to block dispensing of coins from one or more stacks)
-18	41D8060	1	Coin cassette deflector, right hand
-18	41D8062	1	Coin cassette deflector, left hand
-	41D7403	1	Power supply, cassette coin dispenser, 32 VDC (not shown)
-	41D7404	1	Power supply, hopper coin dispenser, 24 VDC (not shown)
-	41K6352	1	Coin dispenser signal cable for both hopper and cassette dispensers (not shown)
-	39M5377	1	Power jumper cord, UK, EURO, Australia (not shown)
-	39M5081	1	Power jumper cord, US, Canada (not shown)
-	41J7635	1	Cable harness, position 1,2, and 3, hopper coin dispenser (not shown)
-	41J7636	1	Cable harness, position 4,5, and 6 hopper coin dispenser (not shown)
-	41J7637	1	Card assembly, hopper coin dispenser (not shown)

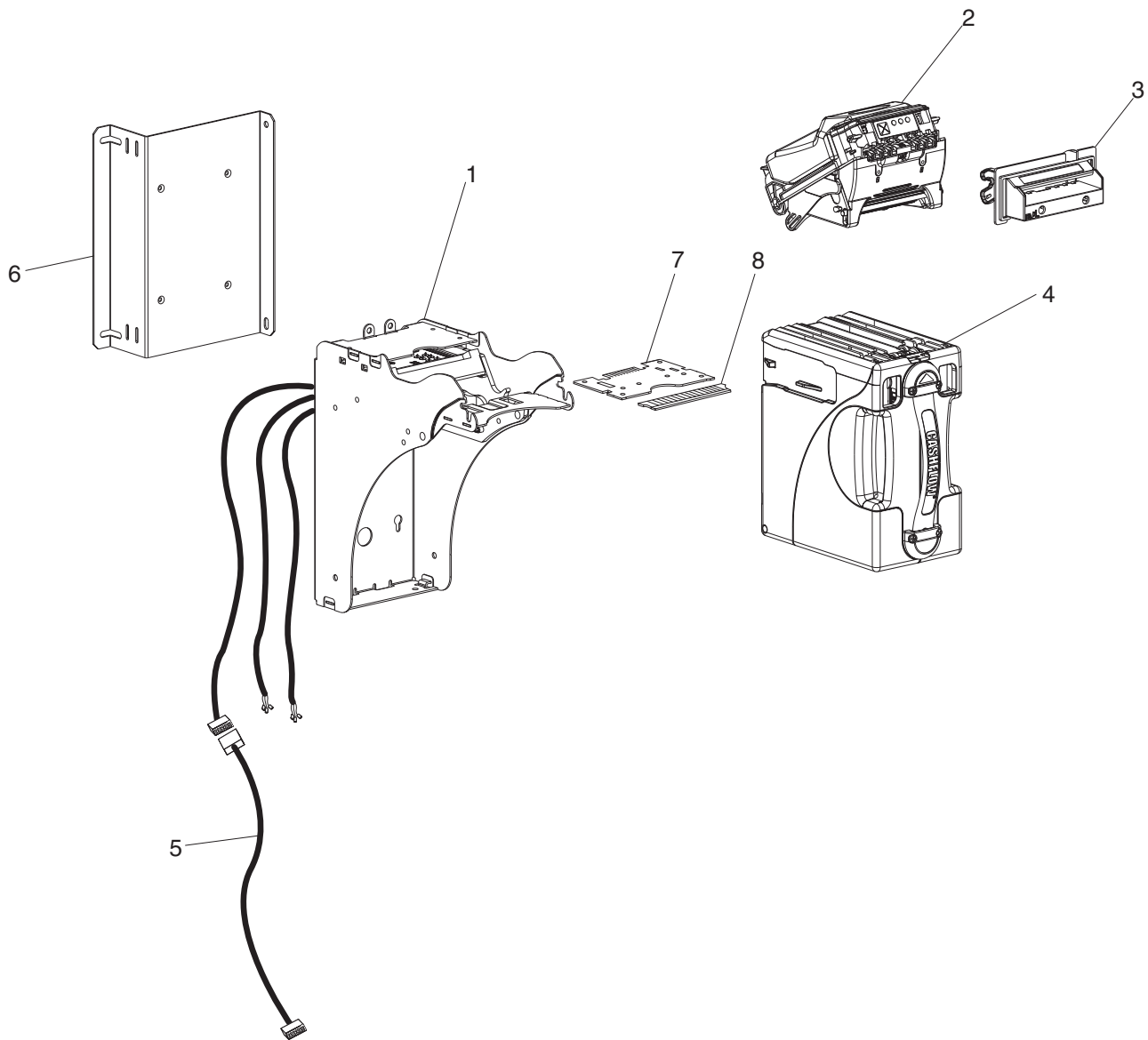


## Assembly 10: Coin Acceptor



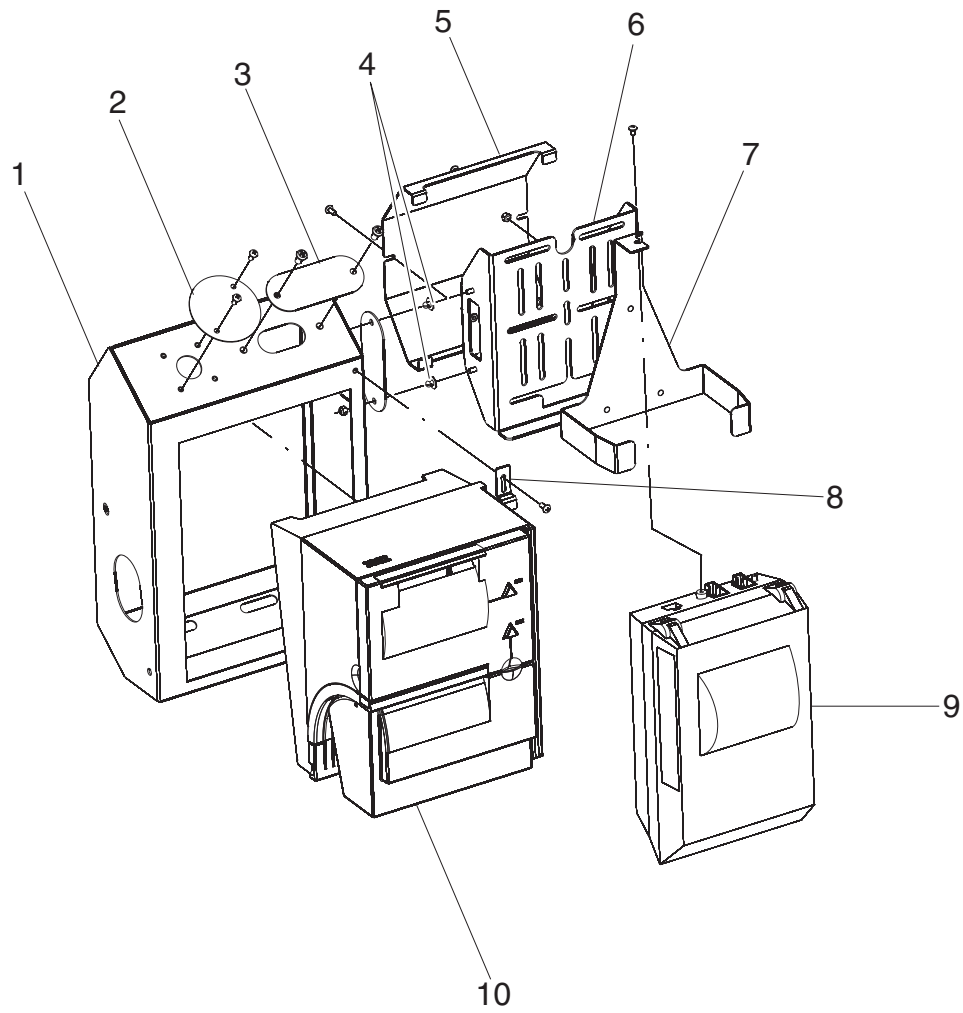
Asm- Index	Part Number	Units	Description
10-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	41D9345	1	Coin Acceptor, MEI CF9520, US, with side reject plate (part 10-2) (machines built after July 31, 2006)
-1	41D8051	1	Coin Acceptor MEI, CF9520, US, rejects \$0.01, with side reject plate (part 10-2) (machines built after July 31, 2006)
-1	41J6735	1	Coin Acceptor MEI, CF9520, US, with side reject plate (part 10-2)
-1	41D9347	1	Coin Acceptor, MEI CF9520, UK, with side reject plate (part 10-2) (machines built after July 31, 2006)
-1	41J6736	1	Coin Acceptor MEI, CF9520, UK, with side reject plate (part 10-2)
-1	41D9346	1	Coin Acceptor, MEI CF9520, Canada, with side reject plate (part 10-2) (machines built after July 31, 2006)
-1	41J6737	1	Coin Acceptor, Canada, with side reject plate (part 10-2)
-1	41D9348	1	Coin Acceptor, MEI CF9520, Euro, with side reject plate (part 10-2) (machines built after July 31, 2006)
-1	41J6738	1	Coin Acceptor, Euro, with side reject plate (part 10-2)
-1	41D9349	1	Coin Acceptor, MEI CF9520, Australian, with side reject plate (part 10-2) (machines built after July 31, 2006)
-1	41J6739	1	Coin Acceptor, MEI CF9520, Australian, with side reject plate (part 10-2)
-2	41J8231	1	Coin acceptor side reject plate
-3	28R3292	1	Coin acceptor mounting plate
-4	42K0052	1	Cash acceptance bezel, right hand
-4	42K0053	1	Cash acceptance bezel, left hand
-5	42K0355	1	Label, cash in, right hand
-5	42K0359	1	Label, cash in, left hand
-6	41K6593	1	Shaft, cash acceptance bezel
-7	41J8076	1	Coin deflector, right hand
-7	42K0058	1	Coin deflector, left hand
-8	44D0245	1	Coin tray guide, right hand
-8	44D0246	1	Coin tray guide, left hand
-9	41K6160	1	Coin tray
-10	41K6363	1	Chute, coin RH
-10	41K6364	1	Chute, coin LH
-	28R5566	1	Ferrite core (installed on signal cable)
-	41K6354	1	Coin acceptor cable, US/Canada (not shown)
-	41K6359	1	Coin acceptor cable, EMEA/Australia (not shown)

## Assembly 11: Bill Acceptor



Asm- Index	Part Number	Units	Description
11-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-	41J9330	1	Mars SC6607R bill acceptor, US
-	41D7250		Mars SC6607R bill acceptor, US (machines built after July 31, 2006)
-	40M9343	1	Mars SC6607R bill acceptor, Australian firmware
-	41D7254	1	Mars SC8307R bill acceptor, Euro, UK
-	41E1449	1	Mars SC8307R bill acceptor, Canadian firmware
-	40M9341	1	Mars SC8307R bill acceptor, UK firmware
-	40M9342	1	Mars SC8307R bill acceptor, Euro firmware
-1	44D0258	1	Chassis with connector cables, Mars SC bill acceptor (does not include 11-6 or 11-7)
-2	41D7249	1	Head, Mars SC6607R bill acceptor, US, Australia (replaces 41J9486)
-2	41D7252	1	Head, Mars SC8307R bill acceptor, UK, Euro, Canada
-2	41D9700	1	Head, Mars SC8307R bill acceptor, Canadian firmware
-2	41D9701	1	Head, Mars SC8307R bill acceptor, UK firmware
-2	41D9702	1	Head, Mars SC8307R bill acceptor, Euro firmware
-2	41D9703	1	Head, Mars SC6607R bill acceptor, Australian firmware
-3	41D7251	1	Universal bezel with gap filler, Mars SC6607R bill acceptor, US, Australia (replaces 28R3477)
-3	41D7253	1	Universal bezel with gap filler, Mars SC8307R bill acceptor, UK, Euro, Canada (replaces 28R5028)
-4	41D7248	1	Cash Box, Mars SC bill acceptors (replaces 28R3492)
-5	28R3684	1	Mars SC bill acceptor data cable
-6	41K6109	1	Bill acceptor mounting bracket
-7	44D0260	1	Interface card, MEI SC series bill acceptor
-8	44D0262	1	Edge connector, MEI SC series bill acceptor

## Assembly 12: Printers Tlx and TGx

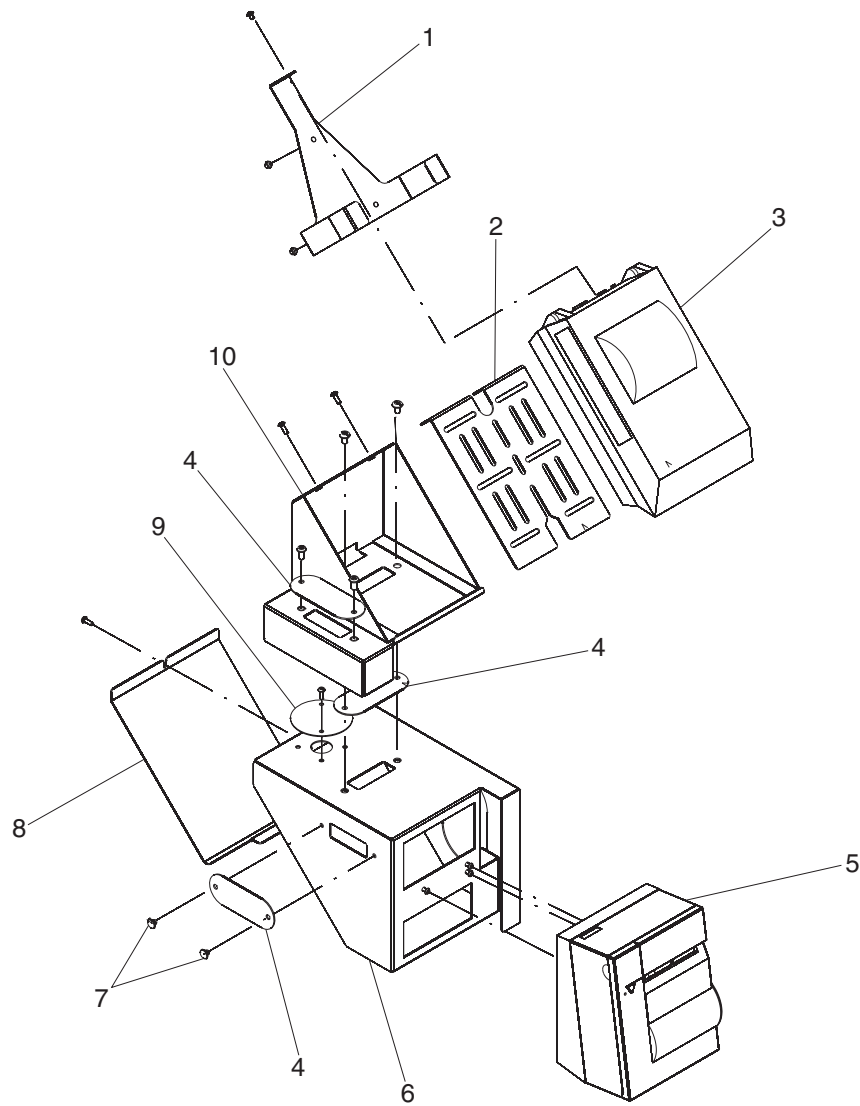


Asm- Index	Part Number	Units	Description
12-			<b>Printer, left hand iron gray</b>
-1	41J9442	1	Printer shelf, TI and TG, left hand, iron gray
-2	41J9770	1	Hole cover, round, iron gray
-3	41J9457	1	Hole cover, oval, iron gray
-4	41J8809	1	Rivet, black push in
-5	41J9447	1	Printer, Catalina, back cover, iron gray
-6	41J9438	1	Printer, Catalina, left hand auxiliary mounting bracket iron gray (used with 41J9442)
-7	41J9452	1	Printer, Catalina, mounting bracket, iron gray (used with 41J9438)
-8	41J9416	1	Locking bracket, iron gray
-9		1	Catalina Printer (customer furnished)
-10		1	TI/TG Printer. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-	41D9648	1	Printer, Catalina, support bracket, left hand, iron gray
-			<b>Printer, left hand pearl white</b>
-1	41J9444	1	Printer shelf, TI and TG, left hand, pearl white
-2	41J9772	1	Hole cover, round, pearl white
-3	41J9459	1	Hole cover, oval, pearl white
-4	41J8807	1	Rivet, off white push in
-5	41J9449	1	Printer, Catalina, back cover, pearl white
-6	41J9440	1	Printer, Catalina, left hand auxiliary mounting bracket pearl white (used with 41J9444)
-7	41J9454	1	Printer, Catalina, mounting bracket pearl white (used with 41J9440)
-8	41J9418	1	Locking bracket, pearl white
-9		1	Catalina Printer (customer furnished)
-10		1	TI/TG Printer. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-	41D9650	1	Printer, Catalina, support bracket, left hand, pearl white
-			<b>Printer, right hand iron gray</b>
-1	41J9465	1	Printer shelf, TI and TG, right hand, iron gray
-2	41J9770	1	Hole cover, round, iron gray
-3	41J9457	1	Hole cover, oval, iron gray
-4	41J8809	1	Rivet, black push in
-5	41J9447	1	Printer, Catalina, back cover, iron gray
-6	41J9461	1	Printer, Catalina, right hand auxiliary mounting bracket iron gray (used with 41J9465)
-7	41J9452	1	Printer, Catalina, mounting bracket, iron gray (used with 41J9461)
-8	41J9416	1	Locking bracket, iron gray
-9		1	Catalina Printer (customer furnished)
-10		1	TI/TG Printer. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-	41D9642	1	Printer, Catalina, support bracket, right hand, iron gray
-			<b>Printer, right hand pearl white</b>
-1	41J9467	1	Printer shelf, TI and TG, right hand, pearl white
-2	41J9772	1	Hole cover, round, pearl white
-3	41J9459	1	Hole cover, oval, pearl white
-4	41J8807	1	Rivet, off white push in
-5	41J9449	1	Printer, Catalina, back cover, pearl white
-6	41J9463	1	Printer, Catalina, right hand auxiliary mounting bracket pearl white (used with 41J9467)
-7	41J9454	1	Printer, Catalina, mounting bracket pearl white (used with 41J9467)

Asm- Index	Part Number	Units	Description
-8	41J9418	1	Locking bracket, pearl white
-9		1	Catalina Printer (customer furnished)
-10		1	TI/TG Printer. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-	41D9644	1	Printer, Catalina, support bracket, right hand, pearl white



## Assembly 13: Printers TF6 and TM6

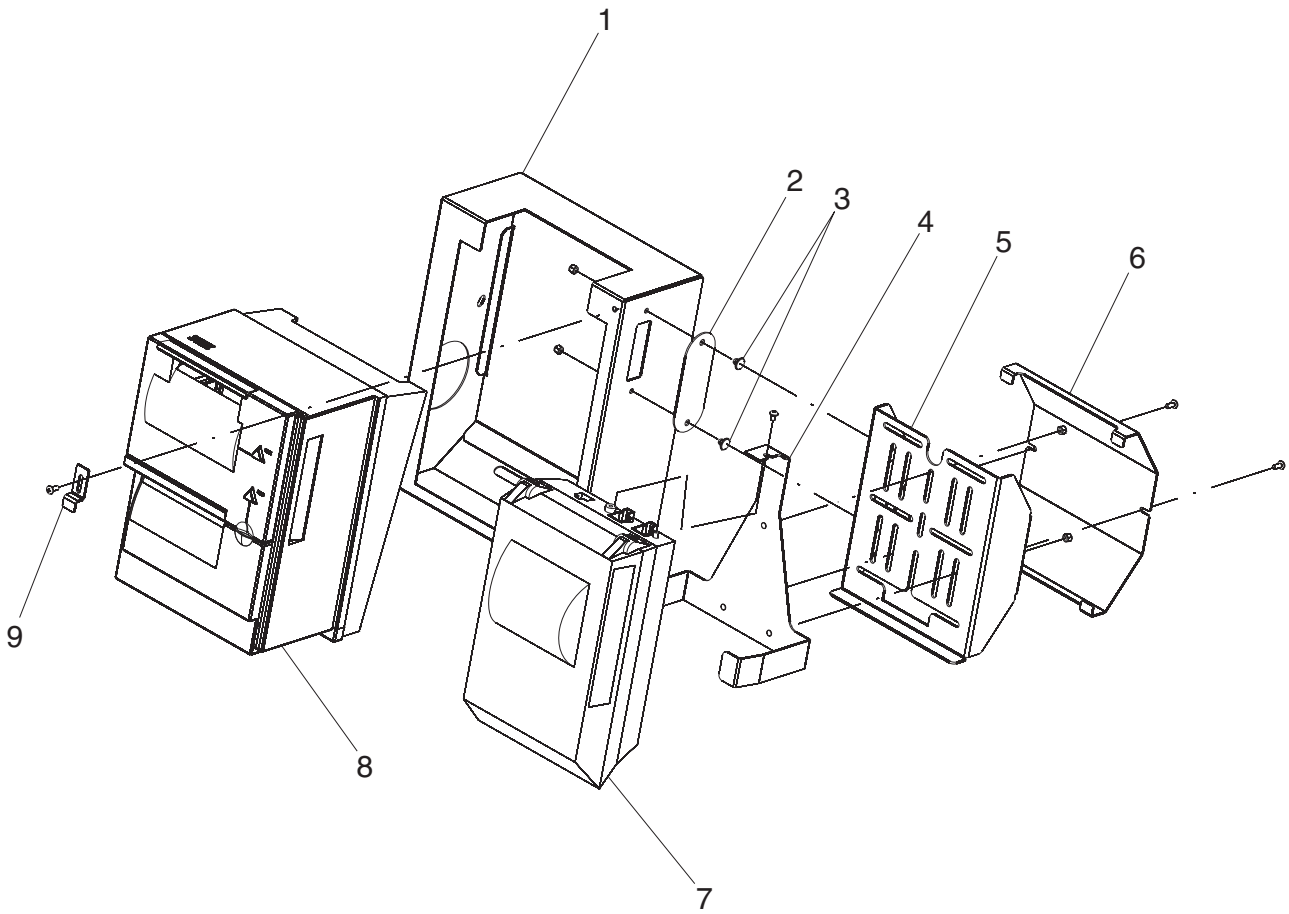


Asm- Index	Part Number	Units	Description
13-			<b>Printer, right hand iron gray</b>
-1	41J9452	1	Bracket, mounting Catalina printer, iron gray
-2	41J9533	1	Mounting bracket Catalina printer, right hand, iron gray (used with 41J9523)
-3		1	Catalina printer (customer furnished)
-4	41J9457	1	Hole cover, oval, iron gray
-5		1	Printer, TF6 and TM6. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-6	41J9513	1	Printer shelf, 4610-TF6/TM6, right hand, iron gray
-7	41J8809	1	Rivet, black push in
-8	41J9538	1	Back cover, Catalina printer, iron gray (used with 41J9513)
-9	41J9770	1	Hole cover, round, iron gray
-10	41J9523	1	Auxiliary mount bracket Catalina printer, right hand, iron gray (used with 41J9513)
-	41D9653	1	Support bracket Catalina printer, iron gray
-			<b>Printer, right hand pearl white</b>
-1	41J9454	1	Bracket, mounting Catalina printer, pearl white
-2	41J9535	1	Mounting bracket Catalina printer, right hand, pearl white (used with 41J9525)
-3		1	Catalina printer (customer furnished)
-4	41J9459	1	Hole cover, oval, pearl white
-5		1	Printer, TF6 and TM6. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-6	41J9515	1	Printer shelf, 4610-TF6/TM6, right hand pearl white
-7	41J8807	1	Rivet, off white push in
-8	41J9540	1	Back cover, Catalina printer, pearl white (used with 41J9515)
-9	41J9772	1	Hole cover, round, pearl white
-10	41J9525	1	Auxiliary mount bracket Catalina printer, right hand, pearl white (used with 41J9515)
-	41D9655	1	Support bracket, Catalina printer, pearl white
-			<b>Printer, left hand iron gray</b>
-1	41J9452	1	Bracket, mounting Catalina printer, iron gray
-2	41J9533	1	Mounting bracket Catalina printer, left hand, iron gray (used with 41J9528)
-3		1	Catalina printer (customer furnished)
-4	41J9457	1	Hole cover, oval, iron gray
-5		1	Printer, TF6 and TM6. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-6	41J9518	1	Printer shelf, 4610-TF6/TM6, left hand iron gray
-7	41J8809	1	Rivet, black push in
-8	41J9538	1	Back cover, Catalina printer, iron gray (used with 41J9518)
-9	41J9770	1	Hole cover, round, iron gray
-10	41J9528	1	Auxiliary mount bracket Catalina printer, left hand, iron gray (used with 41J9518)
-	41D9653	1	Support bracket Catalina printer, iron gray
-			<b>Printer, left hand pearl white</b>
-1	41J9454	1	Bracket, mounting Catalina printer, pearl white
-2	41J9535	1	Mounting bracket Catalina printer, left hand, pearl white (used with 41J9530)
-3		1	Catalina printer (customer furnished)
-4	41J9459	1	Hole cover, oval, pearl white
-5		1	Printers, TF6 and TM6. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-6	41J9520	1	Printer shelf, 4610-TF6/TM6, left hand pearl white
-7	41J8807	1	Rivet, off white push in
-8	41J9540	1	Back cover, Catalina printer, pearl white (used with 41J9520)
-9	41J9772	1	Hole cover, round, pearl white

Asm- Index	Part Number	Units	Description
-10	41J9530	1	Auxiliary mount bracket Catalina printer, left hand, pearl white (used with 41J9520)
-	41D9655	1	Support bracket, Catalina printer, pearl white

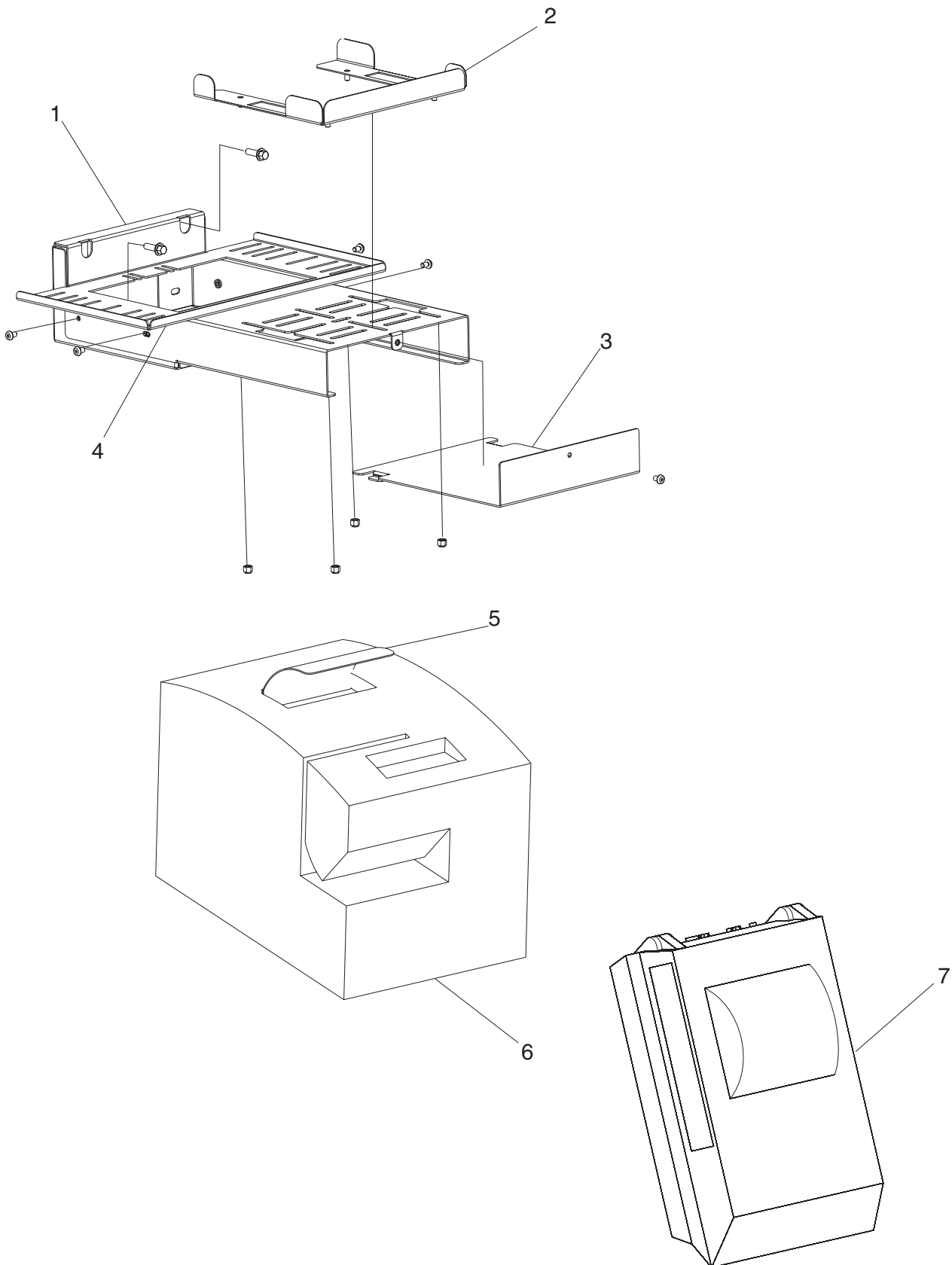


## Assembly 14: Printers Fiscal



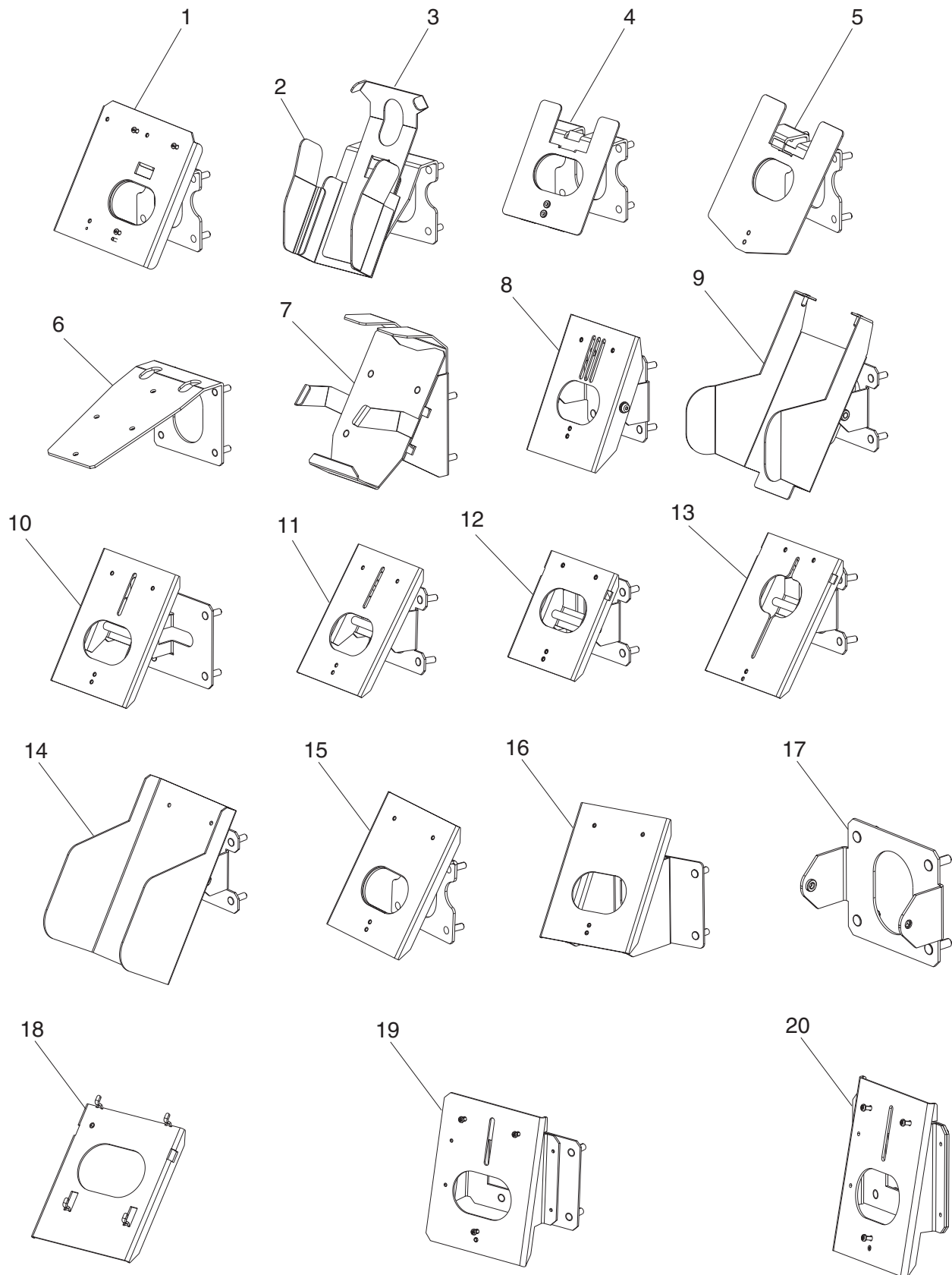
Asm- Index	Part Number	Units	Description
14-			<b>Printer, right hand pearl white</b>
I -1	41J9666	1	Printer shelf, Fiscal, right hand pearl white (Models 152, 602, and 612)
-2	41J9459	1	Hole cover, oval, pearl white
-3	41J8807	1	Rivet, off white push in nylon
-4	41J9454	1	Bracket, mounting Catalina printer, pearl white (used with 41J9463)
-5	41J9463	1	Auxiliary mount bracket Catalina printer, right hand, pearl white (used with 41J9666)
-6	41J9449	1	Printer, Catalina, back cover, pearl white
-7		1	Catalina printer (customer furnished)
-8		1	Fiscal printer. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-9	41J9418	1	Locking bracket, pearl white
-			<b>Printer, left hand pearl white</b>
I -1	41J9670	1	Printer shelf, Fiscal, left hand pearl white (Models 152, 602, and 612)
-2	41J9459	1	Hole cover, oval, pearl white
-3	41J8807	1	Rivet, off white push in nylon
-4	41J9454	1	Bracket, mounting Catalina printer, pearl white (used with 41J9440)
-5	41J9440	1	Auxiliary mount bracket Catalina printer, left hand, pearl white (used with 41J9670)
-6	41J9449	1	Printer, Catalina, back cover, pearl white
-7		1	Catalina printer (customer furnished)
-8		1	Fiscal printer. See <i>IBM 4610 SureMark Printers Hardware Service Manual, GY27-0355</i> .
-9	41J9418	1	Locking bracket, pearl white

## Assembly 15: Printers Epson



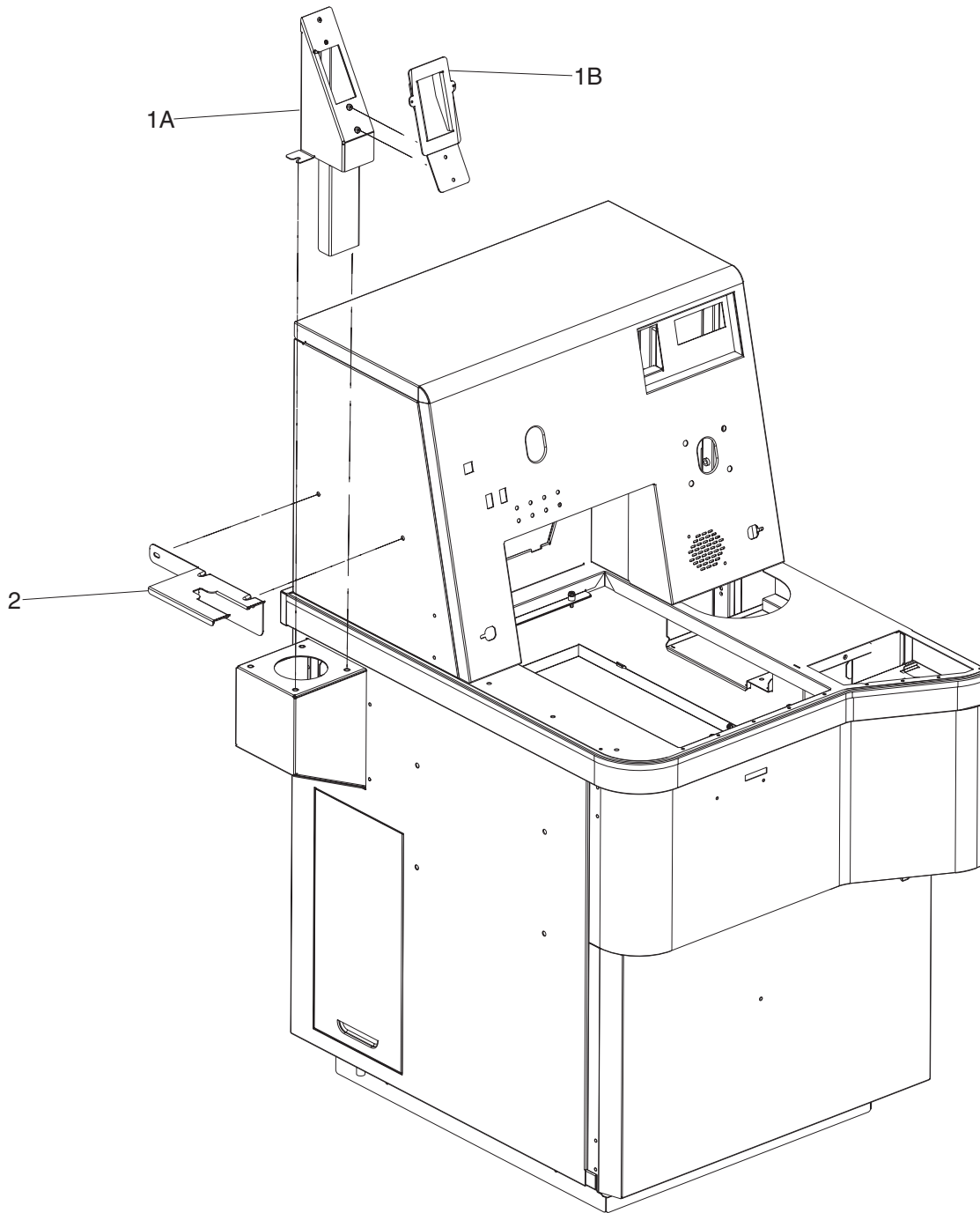
<b>Asm- Index</b>	<b>Part Number</b>	<b>Units</b>	<b>Description</b>
15-			<b>Printer, iron gray</b>
-1	44D0252	1	Printer support bracket, iron gray
-2	44D0361	1	Support bracket for Catalina printer, iron gray
-3	44D0256	1	Cable cover for Catalina printer, iron gray
-4	44D0254	1	Auxiliary support bracket Catalina printer, iron gray
-5	44D0381	1	Paper diverter, Epson printer
-	44D0922	1	Mount adapter plate, Epson printer, iron gray
-6		1	Epson printer (customer furnished)
-7		1	Catalina printer (customer furnished)
-			<b>Printer, pearl white</b>
-1	41D8573	1	Printer support bracket, pearl white
-2	44D0359	1	Support bracket for Catalina printer, pearl white
-3	41D8579	1	Cable cover for Catalina printer, pearl white
-4	41D8576	1	Auxiliary support bracket Catalina printer, pearl white
-5	44D0381	1	Paper diverter, Epson printer
-	44D0920	1	Mount adapter plate, Epson printer, pearl white
-6		1	Epson printer (customer furnished)
-7		1	Catalina printer (customer furnished)

## Assembly 16: Magnetic stripe reader and pin pad mount



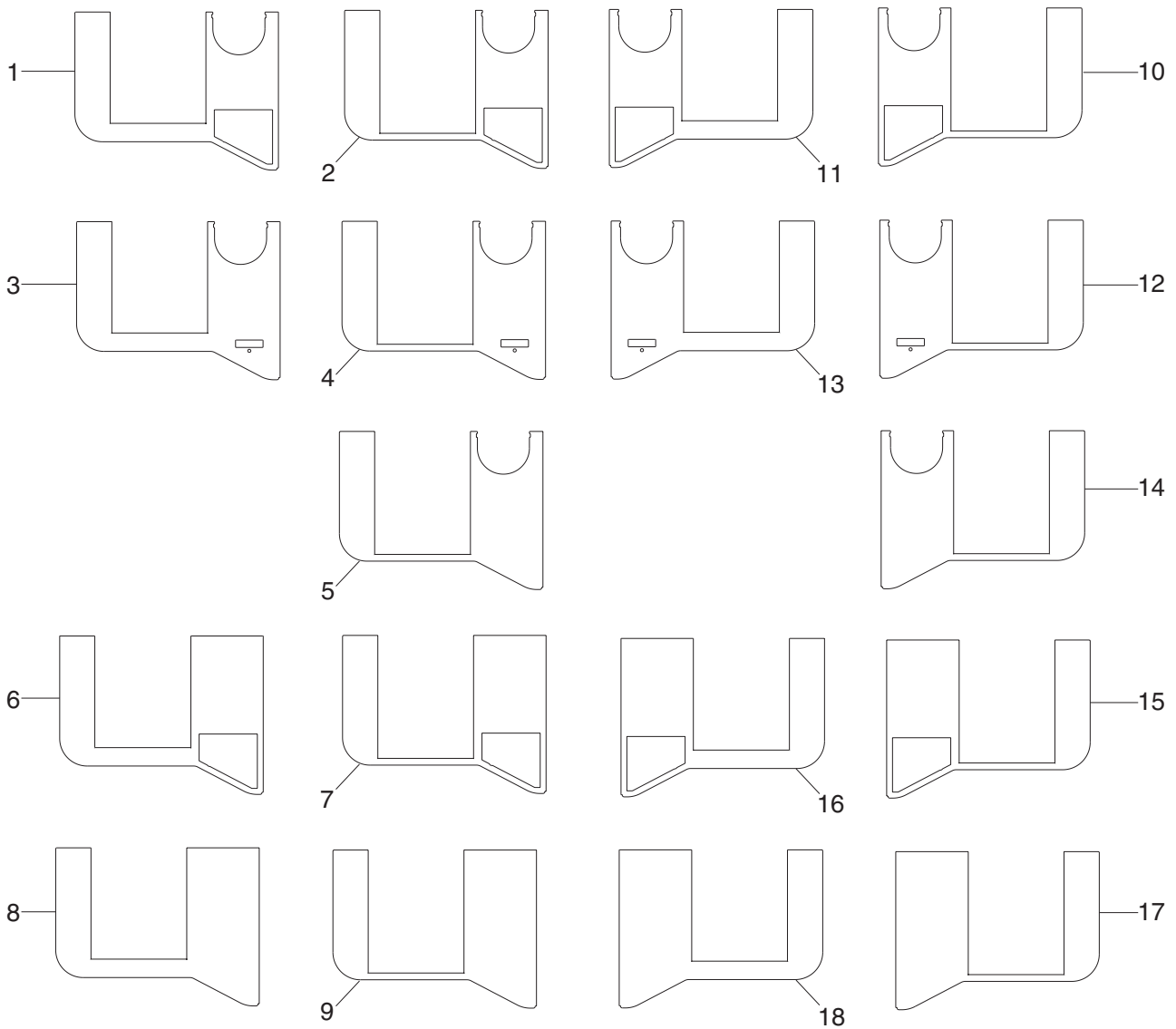
Asm- Index	Part Number	Units	Description
16-1	41J8883	1	Magnetic stripe reader bracket, Verifone Omni 7000
-2	41J9662	1	Magnetic stripe reader shield, Ingenico 3500
-3	41J9660	1	Magnetic stripe reader bracket, Ingenico 3500
-4	41D7155	1	Bracket, Ingenico 6550 pin pad mounting
-5	41D7156	1	Bracket, Ingenico 6770 pin pad mounting
-6	41J7193	1	Magnetic stripe reader bracket, Banksys C-Zam Smash
-7	41D7246	1	Magnetic stripe reader bracket, Ingenico 3300
-8	41D7586	1	Mount, Checkmate 2001 pin pad
-9	41D7680	1	Mount, Wymix pin pad
-10	41D8391	1	Mount, Verifone OMNI 7000 pin pad (left hand)
-11	41D7767	1	Mount, Verifone OMNI 490 Hypercom L4100 Verifone TT8800
-12	41J9157	1	Magnetic stripe reader mount bracket w/tilt assembly, Ingenico 6550
-13	41J9154	1	Magnetic stripe reader mount bracket assembly, Ingenico Entouch 1000
-14	41D8143	1	Magnetic stripe reader mounting bracket assembly Moneyline L3000
-	41J9765	1	Magnetic stripe reader washer, Ingenico 3500 (not shown) (Models 152, 602, and 612)
-15	41D7142	1	Mounting bracket, Verifone Everest Plus (right hand)
-16	41D7144	1	Mounting bracket, Verifone Everest Plus (left hand)
-17	41D7061	1	Support bracket, Verifone MX870 pin pad
-18	41D7634	1	Support bracket, Hypercom 5500
-19	41D9876	1	Mount, Verifone Omni 7000MPD pin pad (right hand)
-20	44D0347	1	Mount, Verifone Omni 7000MPD pin pad (left hand)
-	41D7595	1	Cable cover, Verifone and Checkmate mount (not shown)
-	41D7588	1	Mount bracket Checkmate 2001 pin pad (not shown)
-	41D7169	1	Bracket, locking for Wymix pin pad (not shown)

## Assembly 17: Hand held scanner



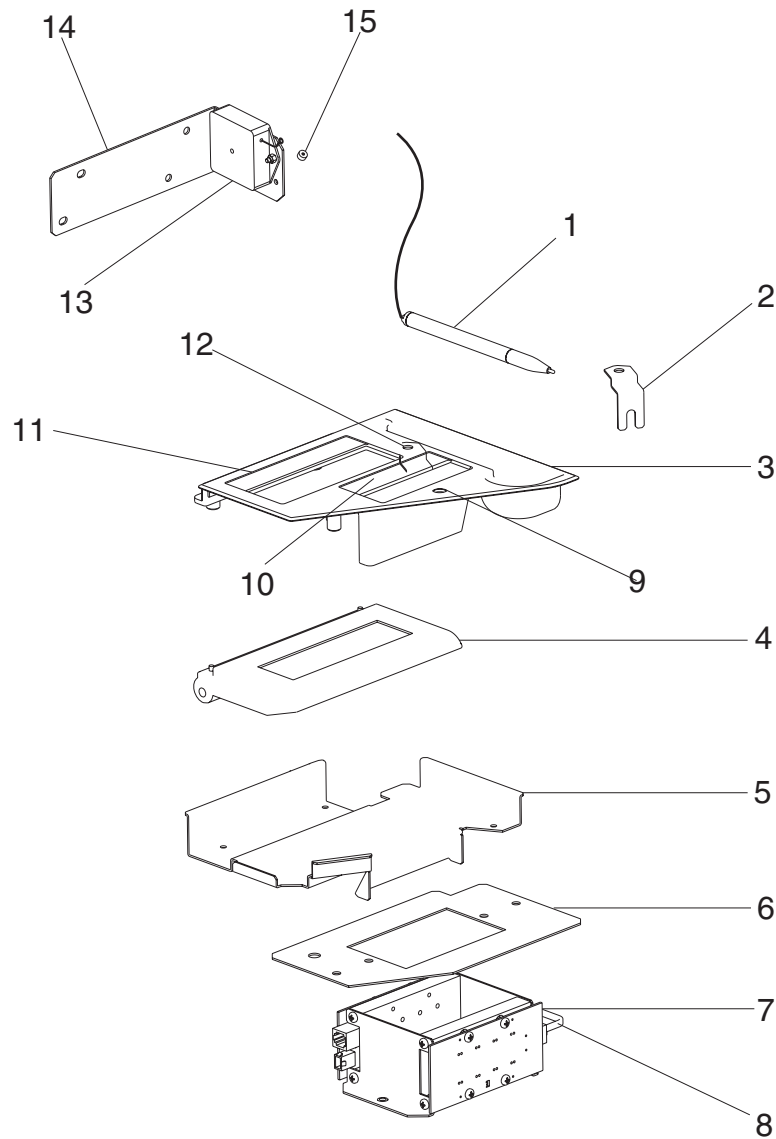
Asm- Index	Part Number	Units	Description
I 17-	41D7242	1	Bracket for hand held scanner, pearl white (mounts to lane light bustle - Models 153, 603, and 613 only)
I -	41D9435	1	Bracket for hand held scanner, iron gray (mounts to lane light bustle - Models 153, 603, and 613 only)
I -1A	44D0241	1	Bracket, hand held scanner
-1B	44D0243	1	Bracket, hand held scanner
-2	41J9812	1	Bracket, hand held scanner, right hand, silver
-2	41J9817	1	Bracket, hand held scanner, left hand, silver
-2	41D8445	1	Bracket, hand held scanner, right hand, Formica white
-2	41D8448	1	Bracket, hand held scanner, left hand, Formica white
-2	41D1011	1	Bracket, hand held scanner, right hand, iron gray
-2	41D1015	1	Bracket, hand held scanner, left hand, iron gray
-2	41D1013	1	Bracket, hand held scanner, right hand, pearl white
-2	41D1017	1	Bracket, hand held scanner, left hand, pearl white
-	41D8449	1	Hole plate with strain relief for hand held scanner cable (not shown)

## Assembly 18: Countertop



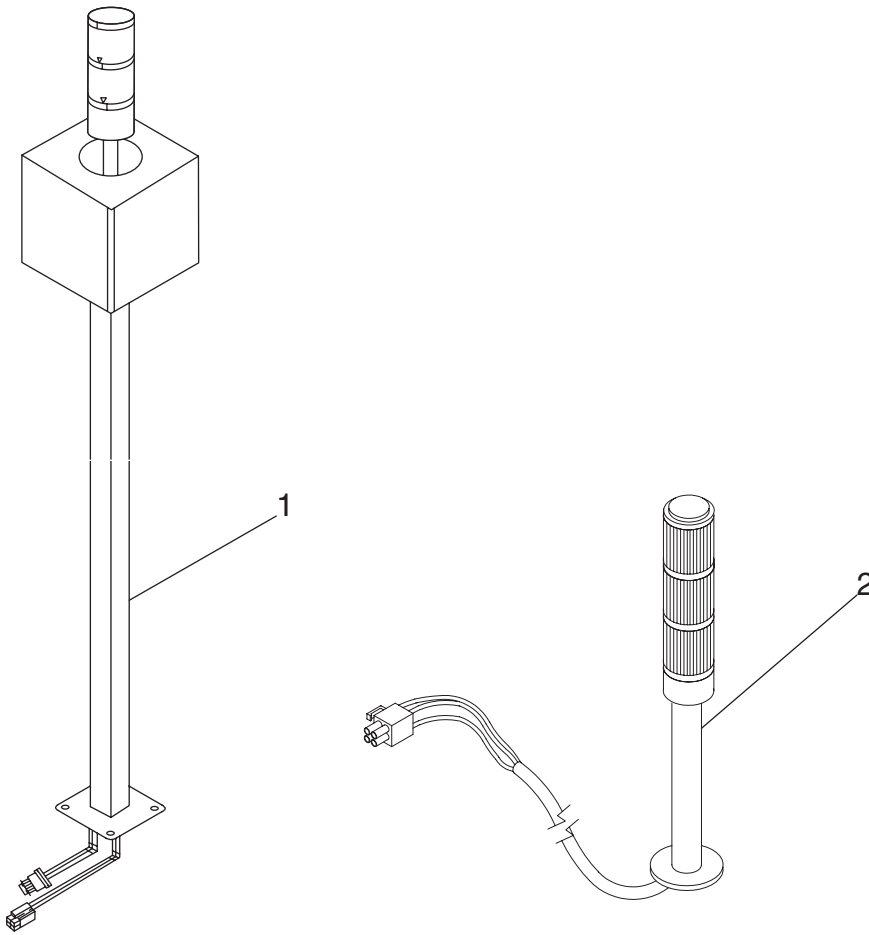
<b>Asm- Index</b>	<b>Part Number</b>	<b>Units</b>	<b>Description</b>
18-1	41E1858	1	Countertop with signature capture, right hand
-2	41J6747	1	Countertop, with signature capture, right hand
-3	41E1861	1	Countertop, no signature capture, right hand
-4	41J6746	1	Countertop, no signature capture, right hand
-5	41D8628	1	Countertop, no signature capture, no coupon, right hand
-6	41D7161	1	Countertop, cashless with signature capture, right hand
-7	41D9626	1	Countertop, cashless with signature capture, right hand
-8	41J7533	1	Countertop, cashless with no signature capture, right hand
-9	41J6745	1	Countertop, cashless with no signature capture, right hand
-10	41J6749	1	Countertop, with signature capture, left hand
-11	41E1859	1	Countertop, with signature capture, left hand
-12	41J6750	1	Countertop, no signature capture, left hand
-13	41E1862	1	Countertop, no signature capture, left hand
-14	41D8630	1	Countertop, no signature capture, no coupon, left hand
-15	41D9628	1	Countertop, cashless with signature capture, left hand
-16	41D7163	1	Countertop, cashless with signature capture, left hand
-17	41J6748	1	Countertop, cashless with no signature capture, left hand
-18	41J7536	1	Countertop, cashless with no signature capture, left hand

## Assembly 19: Signature Capture and Coupon Acceptor



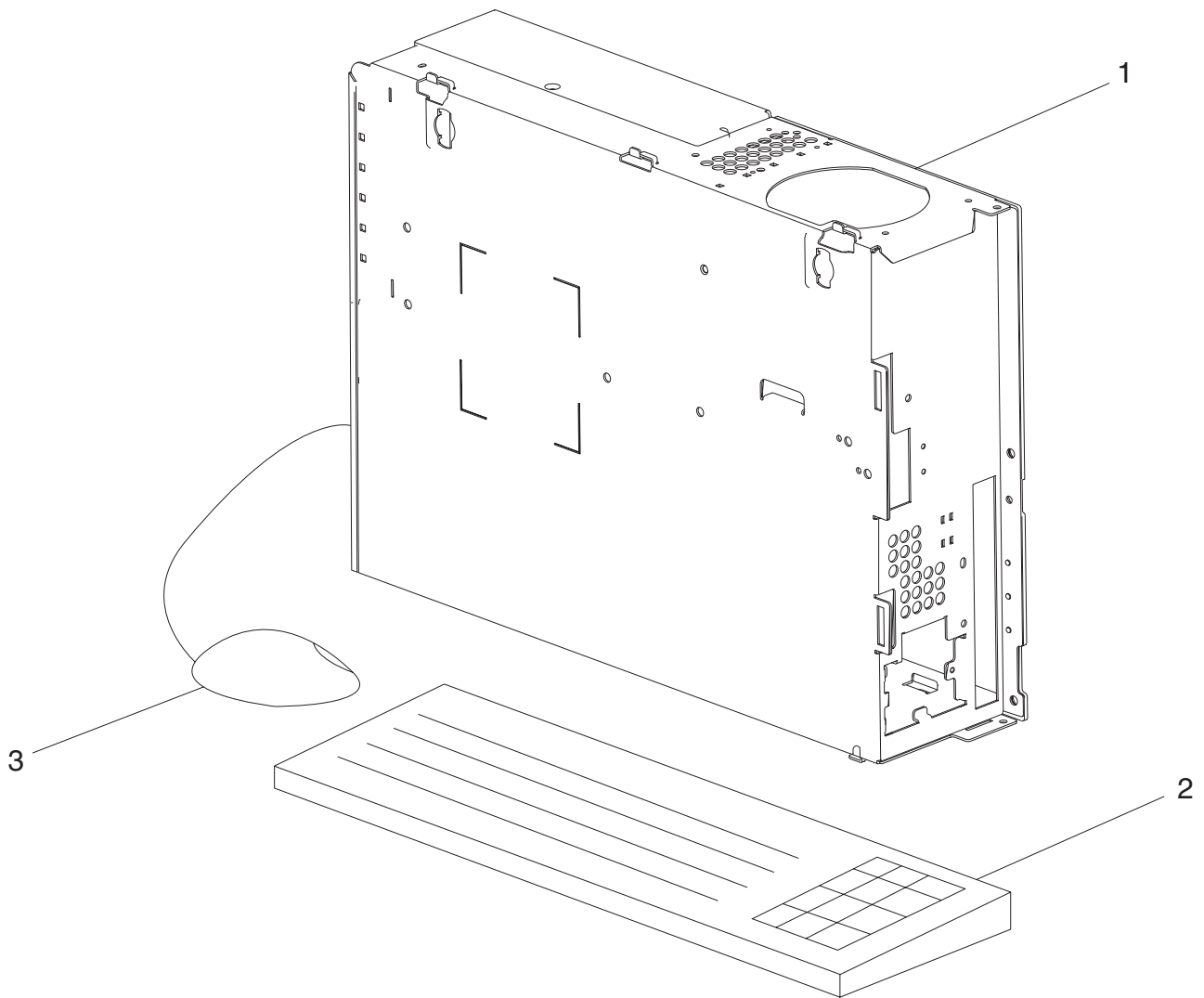
Asm- Index	Part Number	Units	Description
19-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-	44D1022	1	Signature capture assembly (right hand) with non-active stylus (also includes bracket, retainer, hex L key)
-	44D1023	1	Signature capture assembly (left hand) with non-active stylus (also includes bracket, retainer, hex L key)
-	44D1130	1	Signature capture assembly (left hand) with active stylus (also includes bracket, retainer, hex L key)
-	44D1131	1	Signature capture assembly (right hand) with active stylus (also includes bracket, retainer, hex L key)
-1	41D9560	1	Active stylus (includes stylus collar 19-15, O ring 19-, split ring 19-, and hex L key 19-)
-1	44D0750	1	Non active stylus (includes stylus collar 19-15)
-1	44D0987	1	Non active stylus (includes stylus collar 19-15, O ring 19-, split ring 19-, and hex L key 19-)
-	44D0989	1	#60 O ring (not shown)
-	44D0991	1	#7 fine split ring (not shown)
-	44D1161	1	M0.9 hex L key (not shown)
-2	41K6576	1	Clip, signature capture
-3	44M1901	1	Signature capture bezel, right hand
-3	44M1902	1	Signature capture bezel, left hand
-4	41D8114	1	Signature capture device
-5	41E1854	1	Signature capture bracket, right hand
-5	41E1855	1	Signature capture bracket, left hand
-	41E1863	1	Filler plate, no signature capture bracket, right hand (not shown)
-	41E1864	1	Filler plate, no signature capture bracket, left hand (not shown)
-6	41E1829	1	Coupon mounting plate
-7	41J7798	1	Coupon emitter/detector assembly
-8	41J9289	1	6 in. RJ11 coupon patch cable
-9	41K6367	1	Coupon indicator assembly
-10	42K0358	1	Label, coupon
-11	42K0357	1	Label, signature
-12	44D1337	1	3/8 in. black nylon hole plug
-13	41J7094	1	Signature capture stylus retractor and collar
-14	41J7093	1	Signature capture stylus retractor bracket
-15	41D9561	1	Stylus collar
-	41E1830	1	Coupon indicator cable from coupon box to the LED (not shown)
-	41E1831	1	Coupon cable from the coupon box to the security controller (not shown)
-	41D1337	1	3/8 in. black nylon hole plug

## Assembly 20: Lane light and transaction light



Asm- Index	Part Number	Units	Description
20-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	41K6371	1	Lane light, with transaction light (English)
-	41D7426	1	Lane light, with transaction light (No text on globe)
-	41D7424	1	Lane light with transaction light (French, Dutch) Carrefour
-	41D7428	1	Lane light (Haggen "Self Scan") (top food banner)
-	41D7430	1	Lane light (Haggen "Self Scan/ 12 items or less") (top food banner)
-	41D8557	1	Lane light assembly, Haggen (Haggen Banner only) "Self Scan / 12 Item or Less" Models 153, 603, and 613
-	41D8555	1	Lane light assembly, Haggen (Haggen Banner) "Self Scan"
-	41J8193	1	Lane light with transaction awareness light assembly, Carrefour, Belgium (French only)
-	41J8194	1	Lane light with transaction awareness light assembly, Carrefour, Belgium (Dutch only)
-	41J8195	1	Lane light with transaction awareness light assembly, Carrefour, Belgium (German/French)
-	44D1232	1	Lane light with 2-tier transaction awareness light assembly and 400mm pole
-	41D8054	1	Cable, lane light power adapter
-	41D7557	1	Lens, red transaction light
-	41E1865	1	Cover plate, lane light (used when no lane light is present)
-	41D7656	1	Bulb 12 Vdc, transaction light
-2	41D7704	1	Transaction awareness light, 2-tier
-2	41D7706	1	Transaction awareness light, 3-tier
-2	41D7977	1	Transaction awareness light, 3-tier, Carrefour France (green, red, amber)
-2	44D0421	1	Transaction awareness light, 3-tier, Costco
-	41D8056	1	Cable, transaction awareness light
-	44M1884	1	Lane light mounting clamp (not shown, used when lane light is mounted on Models 152, 602, and 612 bagging module)
-	44M1886	1	Lane light mounting strap (not shown, used when lane light is mounted on Models 152, 602, and 612 bagging module)

## Assembly 21: Lane PC, Mouse, and Keyboard



Asm- Index	Part Number	Units	Description
21-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1		1	Lane PC, IBM 4800-742 MFI. Refer to <i>IBM 4800 SurePOS 720, 740, and 780 Hardware Service Guide, SA27-4329</i> for lane PC information.
I -2	32N1205	1	Keyboard, Black, US English USB, #103P, PS/2 key layout, 3m cable
I -2	32N1206	1	Keyboard, Black, French USB, #189, PS/2 key layout, 3m cable
I -2	32N1207	1	Keyboard, Black, Italian USB, #142, PS/2 key layout, 3m cable
I -2	32N1208	1	Keyboard, Black, German/Austrian USB, #129, PS/2 key layout, 3m cable
I -2	32N1209	1	Keyboard, Black, UK English USB, #166, PS/2 key layout, 3m cable
I -2	32N1210	1	Keyboard, Black, Spanish USB, #172, PS/2 key layout, 3m cable
I -2	32N1216	1	Keyboard, Black, French Canadian USB, #445, PS/2 key layout, 3m cable
I -2	32N1218	1	Keyboard, Black, Belgian/UK, #120, USB, PS/2 key layout, 3m cable
I -2	32N1220	1	Keyboard, Black, Danish USB, #159, PS/2 key layout, 3m cable
I -2	32N1224	1	Keyboard, Black, Dutch USB, #143, PS/2 key layout, 3m cable
I -2	32N1236	1	Keyboard, Black, Slovenian USB, #234, PS/2 key layout, 3m cable
I -2	10N9421	1	Keyboard, Black, Brazilian Portuguese USB, #275, PS/2 key layout, 3m cable
I -2	10N9422	1	Keyboard, Black, Hungarian USB, #208, PS/2 key layout, 3m cable
I -2	10N9428	1	Keyboard, Black, Swedish/Finnish USB, #153, PS/2 key layout, 3m cable
I -2	10N9431	1	Keyboard, Black, Swiss, French/German USB, #150F/G, PS/2 key layout, 3m cable
I -2	10N9432	1	Keyboard, Black, Norwegian USB, #155, PS/2 key layout, 3m cable
I -2	10N9434	1	Keyboard, Black, Portuguese USB, #163, PS/2 key layout, 3m cable
I -2	10N9435	1	Keyboard, Black, Greek USB, #319, PS/2 key layout, 3m cable
I -2	10N9437	1	Keyboard, Black, Polish USB, #214, PS/2 key layout, 3m cable
I -2	10N9439	1	Keyboard, Black, Czech USB, #243, PS/2 key layout, 3m cable
I -2	10N9440	1	Keyboard, Black, Turkish USB, #179, PS/2 key layout, 3m cable
I -2	10N9441	1	Keyboard, Black, LA Spanish USB, #171, PS/2 key layout, 3m cable
-3	03N6669	1	USB 3-Button mouse
-	41D7596	1	HASP ISS-45 POS software key

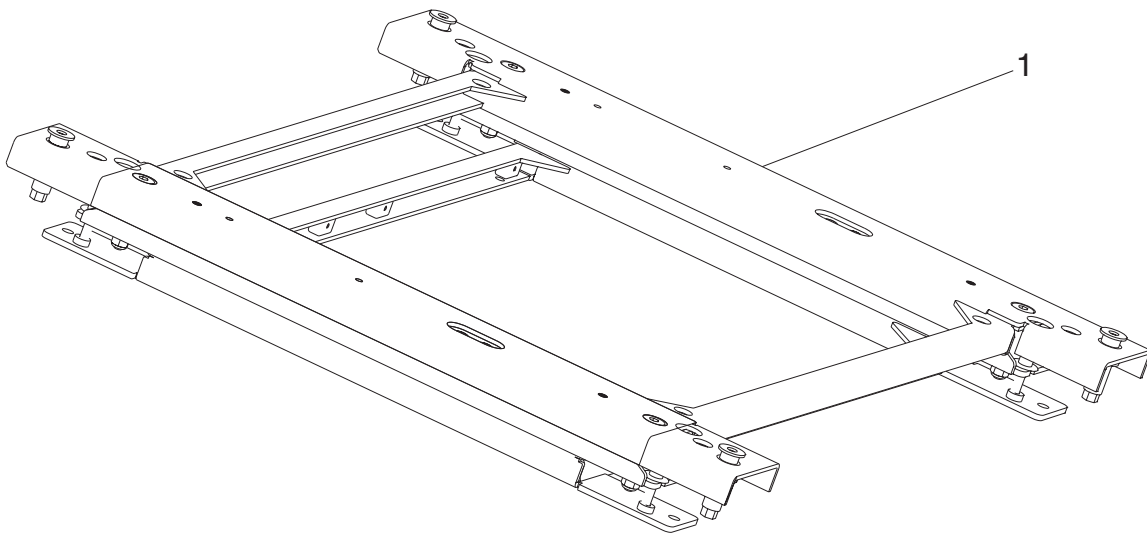


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## Chapter 2. Load Cells, Platens, Plates, and Retaining Fences

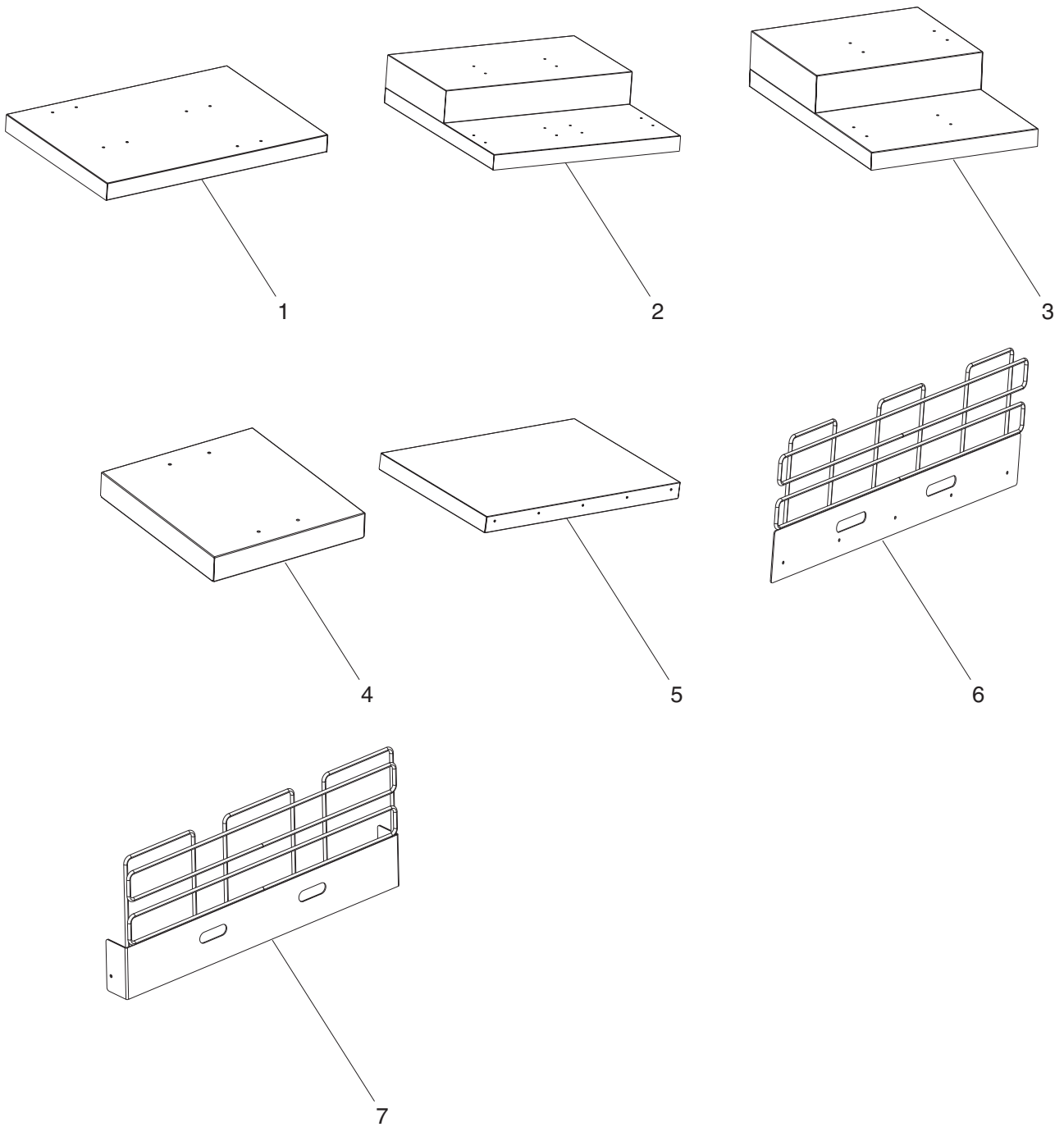
Assembly 22: Load Cell. . . . .	54
Assembly 23: Platens and Retaining Fences . . . . .	56

## Assembly 22: Load Cell



Asm- Index	Part Number	Units	Description
22-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
I -1	41D7448	1	Load cell, 1 bag position (Model N54)
I -1	41D7451	1	Load cell, Models 152, 153, 171, 602, 612, 603, 613, 800, 810 (replaces 41J8098)
I -1	41D7453	1	Load cell, 100 KG, Models 171, 800, and 810 (for wide lane with 25 inch belt)
I -1	41D8188	1	Load cell, Models 151, 606, and 616 Carousel
I -1	41D7622	1	Load cell, Models 151, 606, and 616 secondary shelf
I -	41D7621	1	Digital carousel weighting assembly with load cells, frame, platen, cables, control box, Models 151, 606, and 616
I -	41D8291	4	Screw, M6 X 55 (attaches load cell to conveyor) Models 171, 800, and 810
I -	41J6930	2	Adapter bar, (attaches load cell to conveyor, for wide lane with 25 inch belt)
I -	41J6934	2	Guide, load cell plastic, Models 171, 800, and 810 (for standard lane with 19 inch belt)
I -	41J7417	2	Guide, load cell plastic, Models 171, 800, and 810 (for wide lane with 25 inch belt)
I -	41D7073	2	Cable, 6 foot, DB9, male/female, used for load cell extension

## Assembly 23: Platens and Retaining Fences



Asm- Index	Part Number	Units	Description
23-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
I -1	41D7323	1	Flat platen with 2 bag hole pattern, right hand, Models 152, 602, and 612
I -	41D7324	1	Flat platen with 2 bag hole pattern, left hand, Models 152, 602, and 612
I -2	41D7636	1	Platen for Models 153, 603, and 613, tiered, 3 bag hole pattern, right hand/left hand
I -	41D8184	1	Platen, for Models 151, 606, and 616 Carousel (round platen)
I -3	41D7635	1	Platen for Model Models 152, 602, and 612, tiered, 2 bag hole pattern, right hand
I -	41D9327	1	Platen for Models 152, 602, and 612, tiered, 2 bag hole pattern, left hand
I -4	41J9748	1	Platen, flat, 1 bag hole pattern, right hand/left hand, Model N54
I -			Platen tower See 26-4 on page 71.
I -	41D8196	1	Platen assembly Models 151, 606, and 616 Carousel side shelf
I -5	41D7667	1	Platen, flat, Models 152, 602, and 612
I -6	41D7669	1	Fence, long retaining, Models 152, 602, and 612 (for use with Models 152, 602, and 612 flat platen)
I -7	41D7671	1	Fence, short retaining, Models 152, 602, and 612 (for use with Models 152, 602, and 612 flat platen)

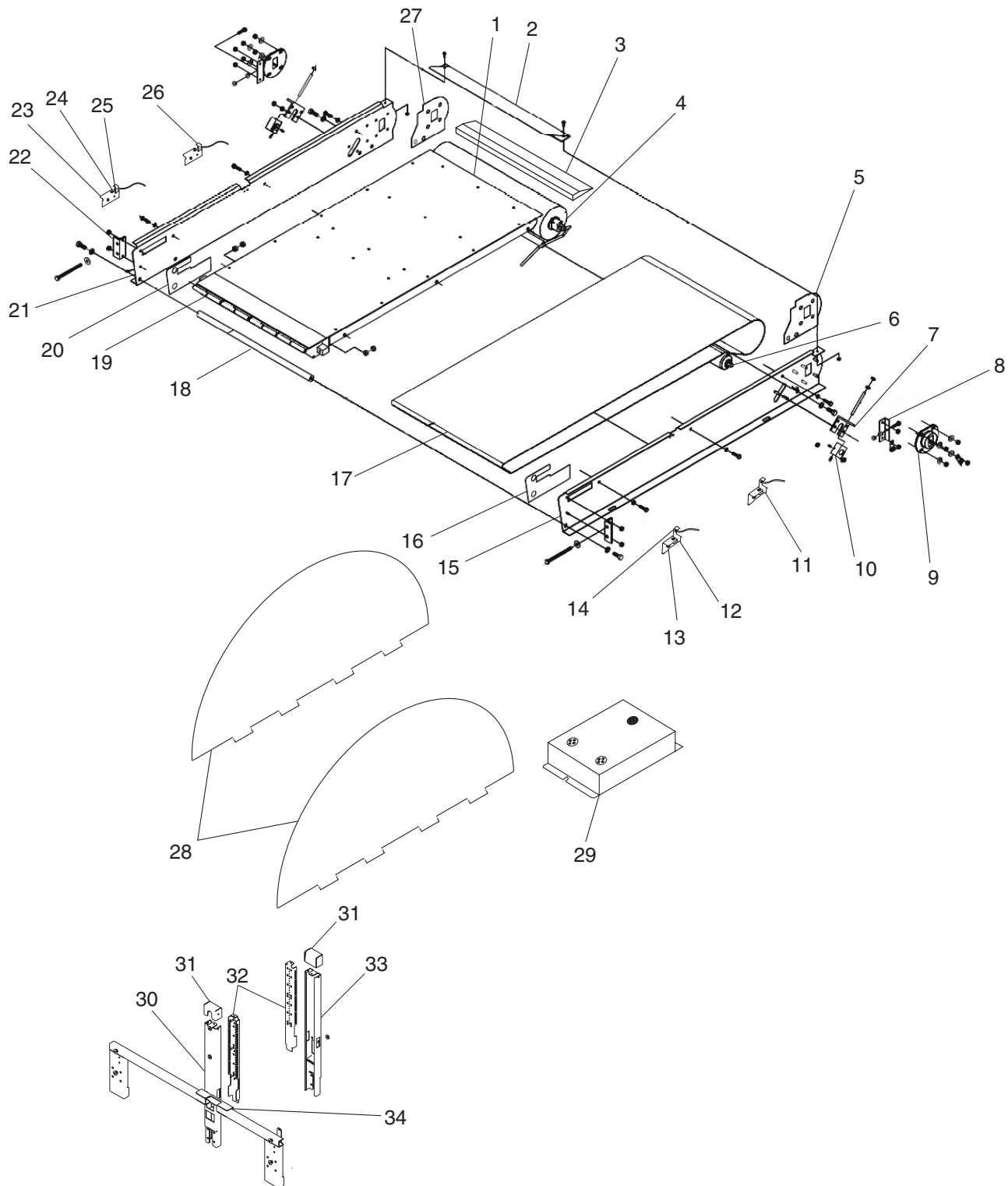


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# Chapter 3. Security Conveyor

Assembly 24: Security Conveyor . . . . . 60

## Assembly 24: Security Conveyor



Asm- Index	Part Number	Units	Description
24-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-	41J7432	1	Security conveyor assembly, 19 in., 115V
-	41J7436	1	Security conveyor assembly, 19 in., 230V
-	41J7440	1	Security conveyor assembly, 25 in., 115V
-	41J7444	1	Security conveyor assembly, 25 in., 230V
-1	41J8791	1	Skid plate (for standard lane with 19 inch belt)
-1	41J8896	1	Skid plate (for wide lane with 25 inch belt)
-2	41J9127	1	Plate, front transition, with sensors (for standard lane with 19 inch belt)
-2	41J8340	1	Plate, front transition, with sensors (for wide lane with 25 inch belt)
-2	41J8848	1	Plate, front transition (for wide lane with 25 inch belt) (includes support bracket)
-3	41D9782	1	Card stop bracket (mounted under the transition plate) (for standard lane with 19 inch belt)
-3	41J8867	1	Card stop bracket (mounted under the transition plate) (for wide lane with 25 inch belt)
-4	41J9312	1	Motorized pulley, 19" security conveyor 115V-60hz, balanced
-4	41D9816	1	Motorized pulley, 19" security conveyor 230V-50hz, balanced
-4	41J9320	1	Motorized pulley, 25" security conveyor 115V-60hz, balanced
-4	41D9822	1	Motorized pulley, 25" security conveyor 230V-50hz, balanced
-5	28R3196	1	Guide, tracking, nose end (order with 28R3195). Adhesive plastic sticker. Reduces friction between belt and metal sides.
-6	28R3298	1	Roller, idler (for standard lane with 19 inch belt)
-6	28R3275	1	Roller, idler (for wide lane with 25 inch belt)
-7	28R3284	2	Angle adjuster (one on each side)
-8	28R3285	2	Drive roller retaining angle (one on each side)
-9	41J7666	2	Bracket, drive isolation. Large black coupling. Use to adjust and isolate motor. (one on each side)
-10	28R3283	2	Block, idler roller (one on each side)
-11	41J9845	1	Emitter, flat pack sensor assembly, replaces 40M9507, (Flat pack sensor assemblies for the emitter and detector should be replaced as a set. Order 41J9849 detector.)
-12	41J9845	1	Exit sensor emitter (for standard lane with 19 inch belt)
-12	41J8344	1	Exit sensor emitter (for wide lane with 25 inch belt)
-	41J8854	1	Sensor cable, transition plate (not shown)
-13	41J8850	1	2nd emitter mounting bracket
-14	41D9783	1	Exit sensor mounting bracket
-15	28R3191	1	Plate, conveyer, left side (for standard lane with 19 inch belt)
-15	28R3277	1	Plate, conveyer, left side (for wide lane with 25 inch belt)
-16	28R3194	1	Guide, tracking, motor end (order with 28R3197). Adhesive plastic sticker. Reduces friction between belt and metal sides.
-17	28R3192	1	Belt, security conveyor, with roller (for standard lane with 19 inch belt)
-17	28R3278	1	Belt, security conveyor, with roller (for wide lane with 25 inch belt)
-18	41J8338	1	Crossbar, conveyor frame (for standard lane with 19 inch belt) Aluminum bar. (Replaces 28R3180)
-18	28R3279	1	Crossbar, conveyor frame (for wide lane with 25 inch belt)
-19	41J7448	1	Nose bar assembly (for standard lane with 19 inch belt)
-19	41J7450	1	Nose bar assembly (for wide lane with 25 inch belt)
-20	28R3195	1	Guide, tracking, motor end (order with 28R3196). Adhesive plastic sticker. Reduces friction between belt and metal sides.
-21	28R3190	1	Plate, conveyer, right side (for standard lane with 19 inch belt)
-21	28R3276	1	Plate, conveyer, right side (for wide lane with 25 inch belt)
-22	28R3172	1	Nose bar angle adjuster

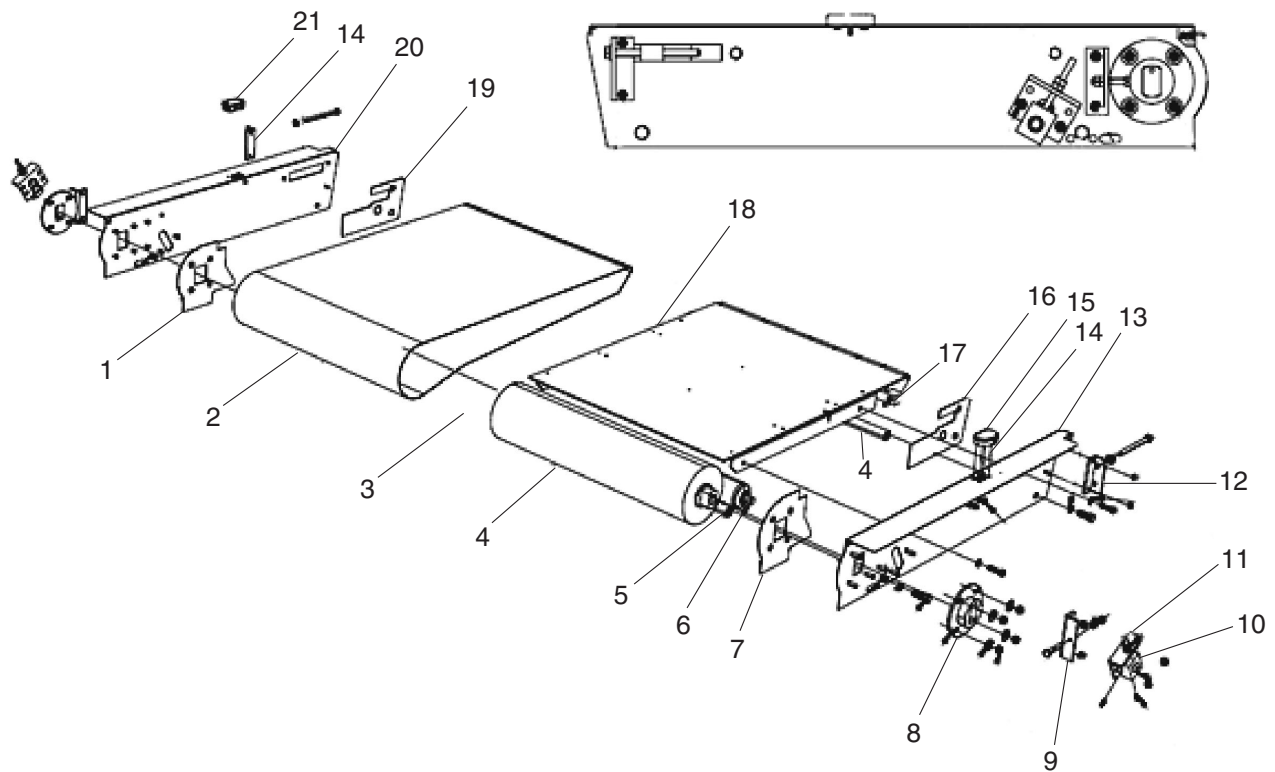
Asm- Index	Part Number	Units	Description
-23	41J8869	1	2nd detector mounting bracket
-24	41D9783	1	Exit sensor mounting bracket
-25	41J9849	1	Exit sensor detector (for standard lane with 19 inch belt)
-25	41J8342	1	Exit sensor detector (for wide lane with 25 inch belt)
-26	41J9849	1	Detector, flat pack sensor assembly, replaces 40M9508, (Flat pack sensor assemblies for the emitter and detector should be replaced as a set. Order 41J9845 emitter.)
-27	28R3197	1	Guide, tracking, motor end (order with 28R3194). Adhesive plastic sticker. Reduces friction between belt and metal sides.
-	41J7676		M6 x 19 Black screw for security shield (not shown)
-28	41J7678	2	Security shield
-29	41J9544	1	Capacitor box, 230V
-29	41J9546	1	Capacitor box, 115V
-	40M9423	1	Capacitor box cable (provides power to the conveyor motors) (not shown)
-30	41D9785	1	Curtain support, RH (for standard lane with 19 inch belt)
-30	41D9786	1	Curtain support, RH (for wide lane with 25 inch belt)
-30	41D9803	1	Curtain support, LH (for standard lane with 19 inch belt)
-30	41D9804	1	Curtain support, LH (for wide lane with 25 inch belt)
-32	41D9784	1	Cap, tower (one on each side)
-32	44M2189	1	Curtain detector/emitter sensor assembly (matched set) (located in the curtain tower)
-33	41D9787	1	Tower, rear curtain support (for standard lane with 19 inch belt)
-33	41D9788	1	Tower, rear curtain support (for wide lane with 25 inch belt)
-34	44M2232	1	Curtain guard, customer side (for wide lane with 25 inch belt)
-	41J8414	4	Cable, curtain sensor fanout dangle (not shown)
-	41J8336	1	Wire cord clips (bag of 10)
-	42H1161	1	Cable tie (not shown)
-			<b>NOTE:</b> Hardware items such as screws, bolts, nuts, and washers removed during the disassembly of parts should be retained for use during re-assembly of those parts. Screws, bolts, nuts, and washers can not be ordered separately, they are available as part of a field kit. See Chapter 12, "Field Kits and Tools," on page 101 for a listing of screws, bolts, nuts, and washers contained in each field kit.
-	41E1748	4	Transition plate extension cable
-	41E1749	2	Sensor extension cable

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# Chapter 4. Transport Conveyor

Assembly 25: Transport Conveyor . . . . . 64

## Assembly 25: Transport Conveyor



Asm- Index	Part Number	Units	Description
25-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-	41J7434	1	Transport conveyor assembly, 19 in., 115V
-	44M1899	1	Transport conveyor assembly with Sensormatic, 19 in., 115V, right hand
-	44M1900	1	Transport conveyor assembly with Sensormatic, 19 in., 115V, left hand
-	41J7438	1	Transport conveyor assembly, 19 in., 230V
-	41J7442	1	Transport conveyor assembly, 25 in., 115V
-	44D0405	1	Transport conveyor assembly with Sensormatic, 25 in., 115V, right hand
-	44D0407	1	Transport conveyor assembly with Sensormatic, 25 in., 115V, left hand
-	41J7446	1	Transport conveyor assembly, 25 in., 230V
-1	28R3196	1	Guide, tracking, motor end (order with 28R3195). Adhesive plastic sticker.
-2	28R3189	1	Belt, transport conveyor (for standard lane with 19 inch belt)
-2	28R3274	1	Belt, transport conveyor (for wide lane with 25 inch belt)
-3	41D9769	1	LED light visor mount (not shown, located on motor cable)
-4	41J9310	1	Motorized pulley, 19" conveyor 115-60hz, unbalanced (transport only)
-4	41D9818	1	Motorized pulley, 19" transport conveyor 230V
-4	41J9318	1	Motorized pulley, 25" conveyor 115-60hz, unbalanced (transport only)
-4	41D9820	1	Motorized pulley, 25" transport conveyor 230V
-5	41J8438	1	Crossbar, conveyor frame (for standard lane with 19 inch belt)
-5	28R3279	1	Crossbar, conveyor frame (for wide lane with 25 inch belt)
-6	28R3298	1	Roller (for standard lane with 19 inch belt)
-6	28R3275	1	Roller (for wide lane with 25 inch belt)
-7	28R3197	1	Guide, tracking, motor end (order with 28R3194). Adhesive plastic sticker.
-8	41J7666	2	Bracket, drive isolation. Large black coupling. Use to adjust and isolate motor. (one on each side)
-9	28R3285	2	Drive roller retaining angle (one on each side)
-10	28R3283	2	Block, idler roller (one on each side)
-11	28R3284	2	Bracket, tensioner (one on each side)
-12	28R3172	1	Nosebar adjusting angle
-13	41J7426	1	Plate, side, transport conveyor, left side
-14	41J6928	1	Emitter/detector bracket, bagging area full sensor
-15	41D7146	1	Emitter, bagging area full sensor (for standard lane with 19 inch belt)
-15	41J8450	1	Emitter, bagging area full sensor (for wide lane with 25 inch belt)
-16	28R3195	1	Guide, tracking, motor end (order with 28R3196). Adhesive plastic sticker.
-17	41J7448	1	Assembly, nosebar, (for standard lane with 19 inch belt) (Replaces 28R7098)
-17	41J7450	1	Assembly, nosebar, (for wide lane with 25 inch belt) (Replaces 28R7084)
-18	41J8332	1	Skid plate, (for standard lane with 19 inch belt), no Sensormatic
-18	44M1913	1	Skid plate with Sensormatic opening, (for standard lane with 19 inch belt), right hand
-18	44M1914	1	Skid plate with Sensormatic opening, (for standard lane with 19 inch belt), left hand
-18	41J8334	1	Skid plate, (for wide lane with 25 inch belt), no Sensormatic
-19	28R3194	1	Guide, tracking, motor end (order with 28R3197). Adhesive plastic sticker.
-20	41J7425	1	Plate, side, transport conveyor, right side plate
-21	41D7150	1	Detector, bagging area full sensor (for standard lane with 19 inch belt)
-21	41J8452	1	Detector, bagging area full sensor (for wide lane with 25 inch belt)
-	41J7126	1	25 inch order separator (not shown). See 42-1 on page 121.
-	41J7127	1	19 inch order separator (not shown). See 42-1 on page 121.
-	41J8854	1	Sensor cable, transition plate (not shown)
-	41J8855	1	Transition plate emitter (not shown)
-	41J8856	1	Transition plate detector (not shown)
-	42H1161	1	Cable tie (not shown)
-	41J8336	1	Wire cord clips (bag of 10)

Asm- Index	Part Number	Units	Description
–			<b>NOTE:</b> Hardware items such as screws, bolts, nuts, and washers removed during the disassembly of parts should be retained for use during re-assembly of those parts. Screws, bolts, nuts, and washers can not be ordered separately, they are available as part of a field kit. See Chapter 12, “Field Kits and Tools,” on page 101 for a listing of screws, bolts, nuts, and washers contained in each field kit.

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## **Chapter 5. Bagging and Carousel Bagging**

Assembly 26: Carousel parts . . . . . 70

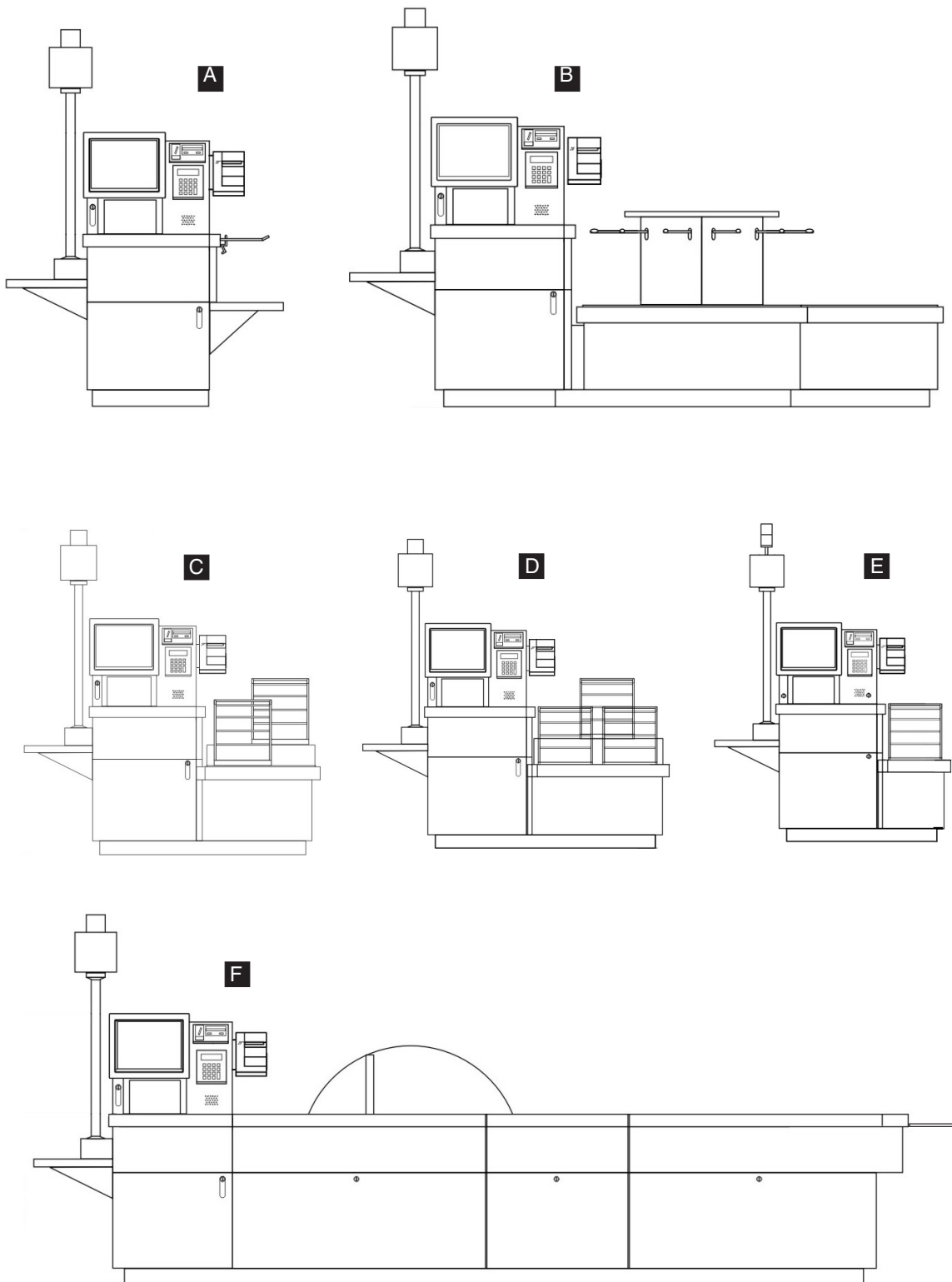


Figure 2. Self Checkout bagging options

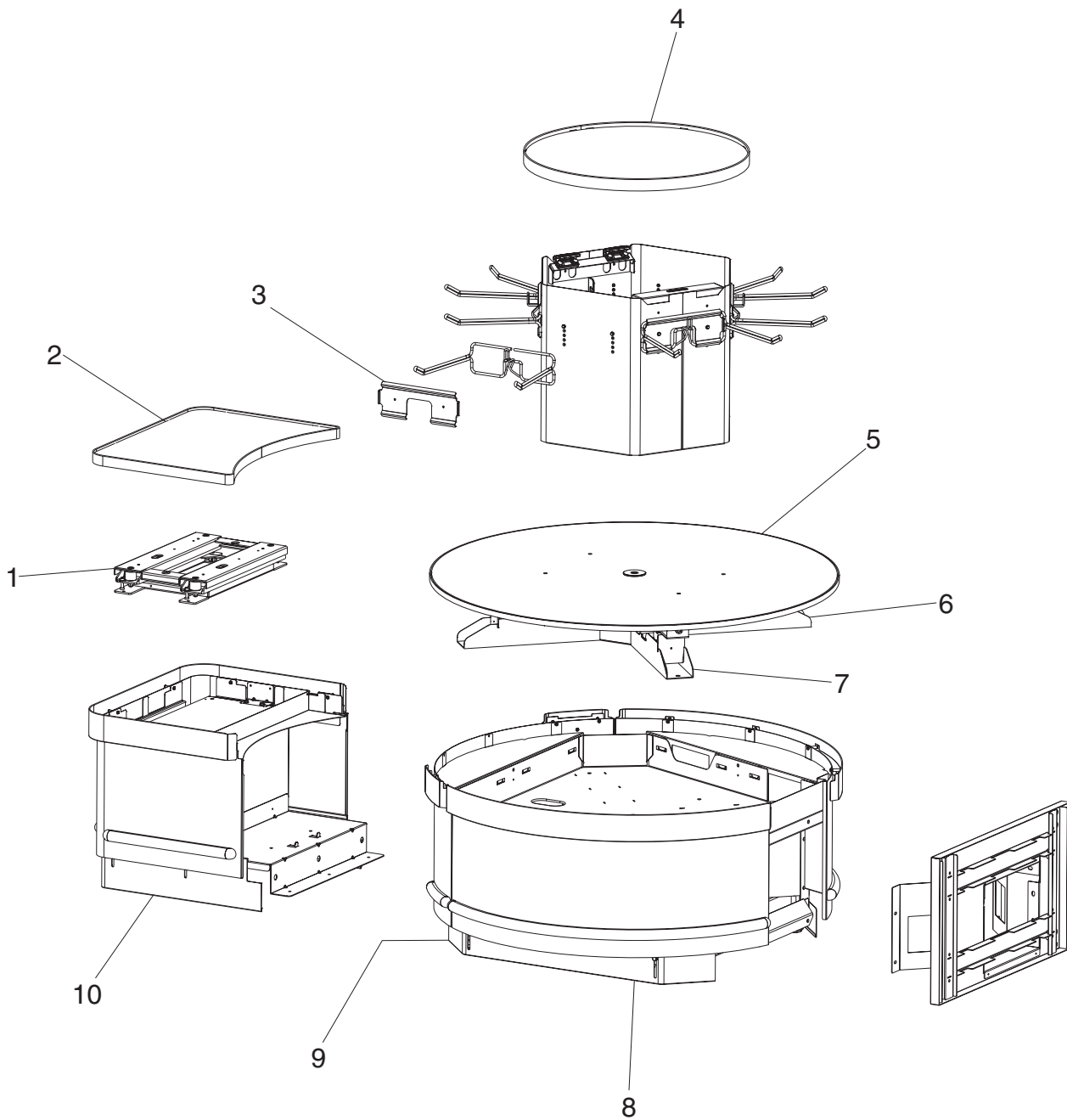
Contact your IBM parts center for bagging parts. Be sure to have the correct model name and store name when ordering parts. See “How to Use This Parts Manual” on page v for general parts manual information, including ordering parts. See “Identifying a Right Hand or Left Hand Model” on page v for how to identify left hand and right hand models.

The bagging options are:

*Table 1.*

Key	Description
<b>A</b>	Model 131, bagging rack attached to the core module
<b>B</b>	Models 151, 606, and 616, 6 bagging stations on a carousel
<b>C</b>	Models 152, 602, and 612, 2 bagging stations
<b>D</b>	Models 153, 603, and 613, 3 bagging stations
<b>E</b>	Model N54 Express-Plus, 1 bagging station
<b>F</b>	Models 171, 800, and 810 Full Lane, a transport conveyor that delivers items to a bagging area

## Assembly 26: Carousel parts



Asm- Index	Part Number	Units	Description
26-1		1	Load cell. See 22-1 on page 55.
-2			Platen, carousel side shelf. See assembly 23- on page 57.
-3	41D9744	1	Carousel bag pack clamping plate
I -4	41D8195	1	Lid tower, Models 151, 606, and 616 Carousel, round small
-	41D7621	1	Carousel assembly contains:
-5			• Platen, carousel round. See 23- on page 57.
-6			• Load cell, carousel. See 22-1 on page 55.
I -7	41D8194	1	• Wheel assembly Models 151, 606, and 616 carousel, plastic
I -8	44M1975	1	Kickplate, front/rear, for Models 151, 606, and 616 carousel
I -9	44M1976	1	Kickplate, side, for Models 151, 606, and 616 carousel
I -10	44M1977	1	Kickplate, shelf, for Models 151, 606, and 616 carousel
I -	41D8185	1	Lower bushing kit, Models 151, 606, and 616 carousel (not shown)
-	41D8187	1	Carousel parts kit, contains - 4 M8x10 hex socket screws, 4 rubber buffers 30x25xM8, 1 grounding spring, 4 shims frolic 1026D, 4 Phil pan head screws NC 6x1", 8 M6x35 hex socket screws, 1 bearing, 8 socket head shoulder screws (M8), 1 upper bushing, 1 nylon locking nut, 1 plastic plug transparent
I -	41D8190	1	Electrical interface box for Models 151, 606, and 616 carousel (not shown)
I -	41D8192	1	Cable, Models 151, 606, and 616 carousel data communication (not shown)
I -	41D8193	1	Power supply Models 151, 606, and 616 carousel, 120/9V external (not shown)



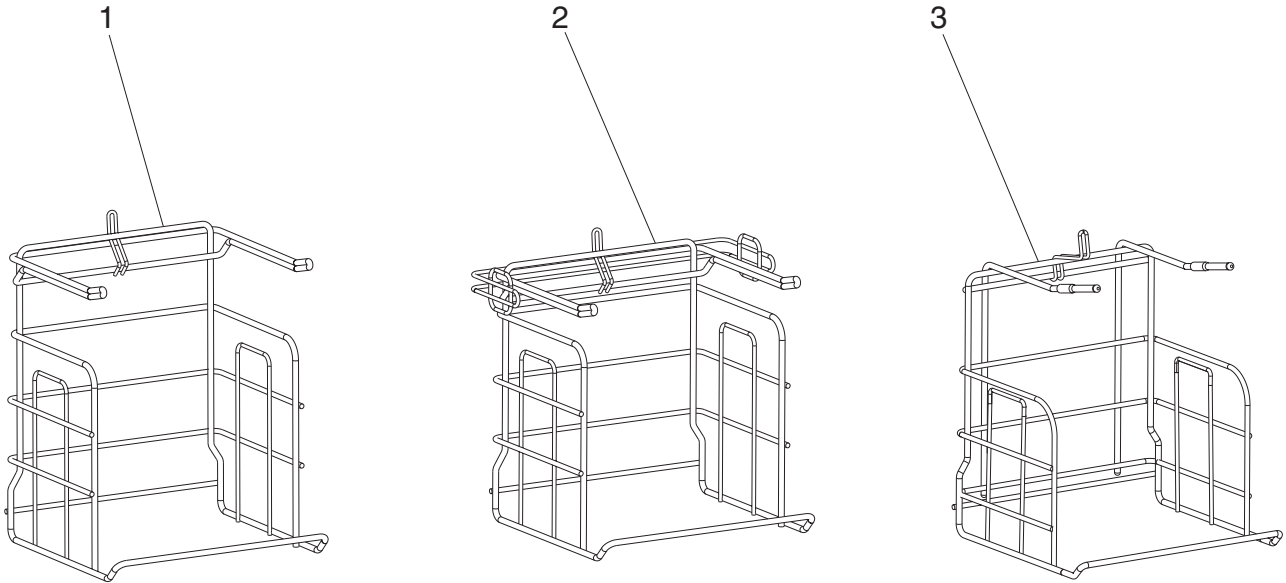
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# Chapter 6. Wire Bag Rack

Assembly 27: Wire Bag Rack . . . . . 74

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## Assembly 27: Wire Bag Rack



<b>Asm- Index</b>	<b>Part Number</b>	<b>Units</b>	<b>Description</b>
27-1	28R3173		(28R3167) Tall rack
-2	28R5540		(28R5697) Short rack
-3	41K7093		(41K7092) European rack
-	41D8560		(41D8559) Rack clamp (not shown)



**Chapter 7. BOSS**

Assembly 28: BOSS FRUs . . . . . 78

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## **Assembly 28: BOSS FRUs**

Asm- Index	Part Number	Units	Description
28-	23K8035	1	Cover, I/O blank
-	41A3391	1	Riser card, 2 PCI slots
-			Lane PC. See "Assembly 21: Lane PC, Mouse, and Keyboard" on page 50.
			Monitor/display. See 1-4 on page 3.
			Magnetic stripe reader. See 1-5 on page 3.
			Power strip. See 1-37 on page 4.
			Power supply. See 1-34 on page 4.
			Printer. See "Assembly 12: Printers Tlx and TGx" on page 28.

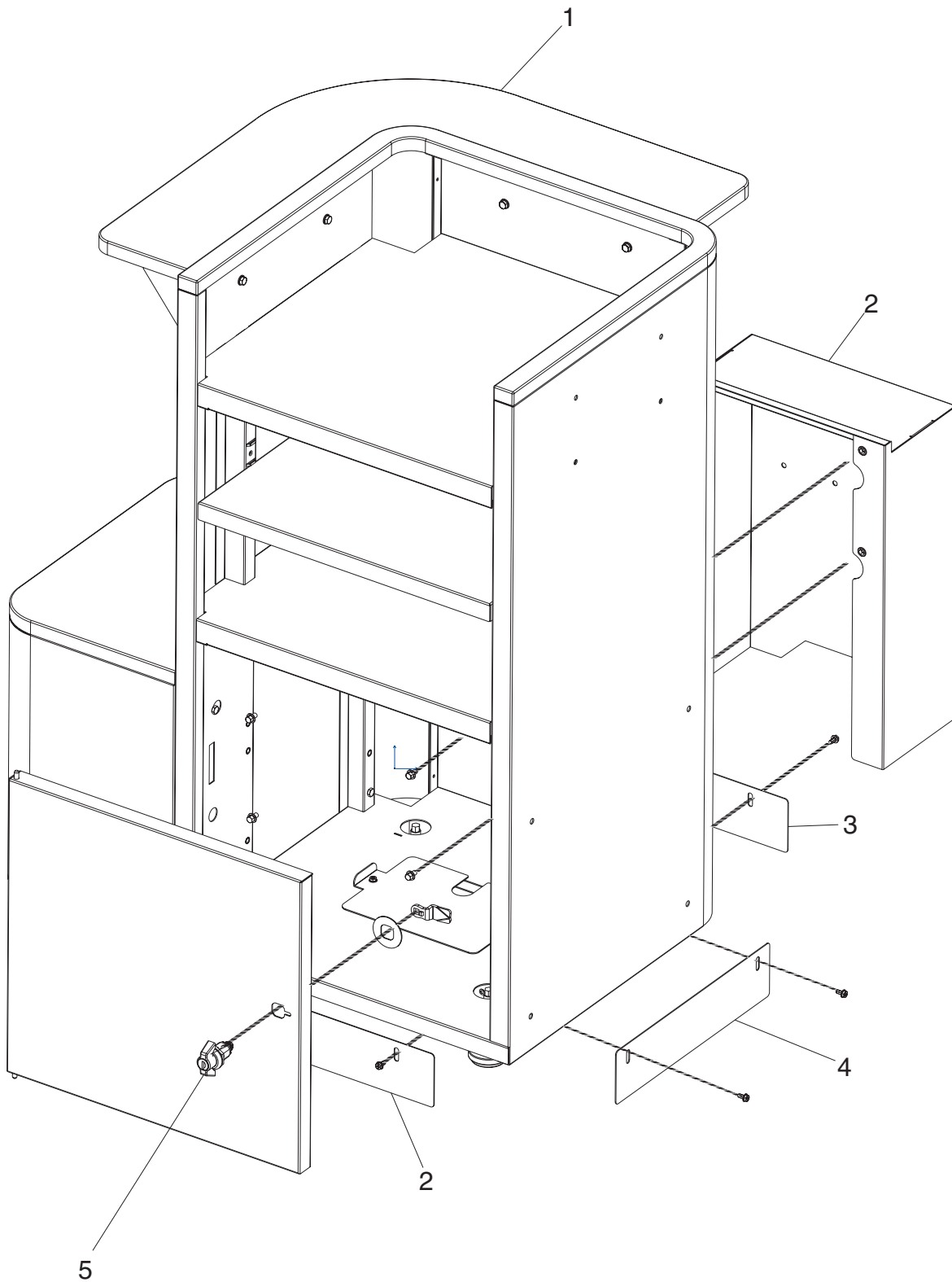


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# Chapter 8. Integrated Paystation

Assembly 29: Paystation . . . . . 82

## Assembly 29: Paystation



<b>Asm- Index</b>	<b>Part Number</b>	<b>Units</b>	<b>Description</b>
29–	41D8116	1	Stabilizer, paystation front/rear (not shown)
–	41D8118	1	Stabilizer, paystation side (not shown)
–1	41D7391	1	Paystation shelf
–2	41D7320	1	Integrated Paystation interface plate/cable cover
–3	44D0861	1	Integrated Paystation front/rear kickplate
–4	44D0862	1	Integrated Paystation left/right side kickplate
–5		1	Keylock, cabinet lock with key. See Chapter 11, “Locks and Keys,” on page 95.

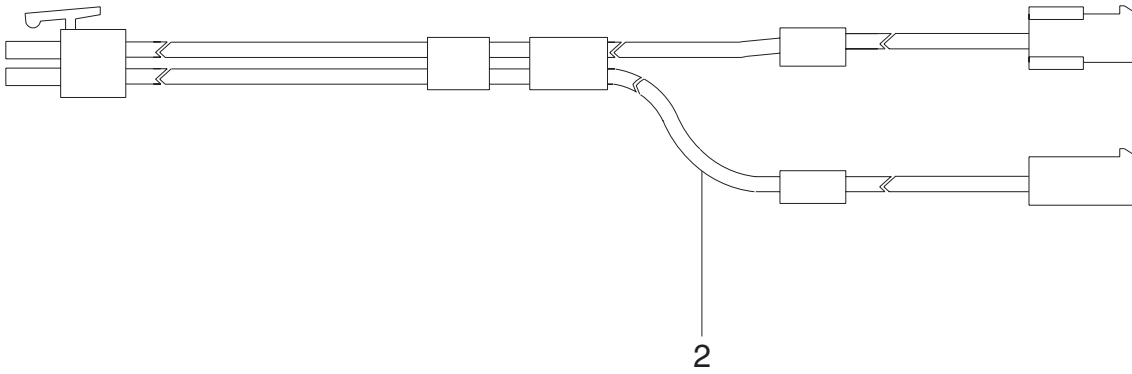
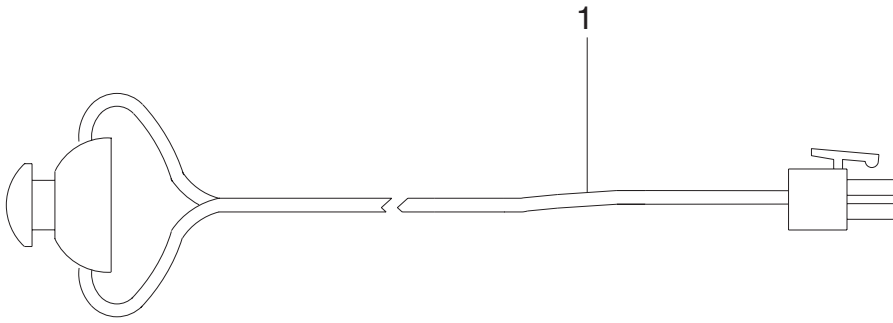


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# Chapter 9. EPO (Red) Button

Assembly 30: EPO (Red) Button . . . . . 86

## Assembly 30: EPO (Red) Button



<b>Asm- Index</b>	<b>Part Number</b>	<b>Units</b>	<b>Description</b>
30-1	41K7082	1	EPO button (red) button cable assembly (EPO button mounted on top of upper core module door for certain customers)
-2	41K7080	1	Reset (green) and EPO (red) buttons Y cable (used with 41K7082 instead of 40M9470 1-2 on page 3)

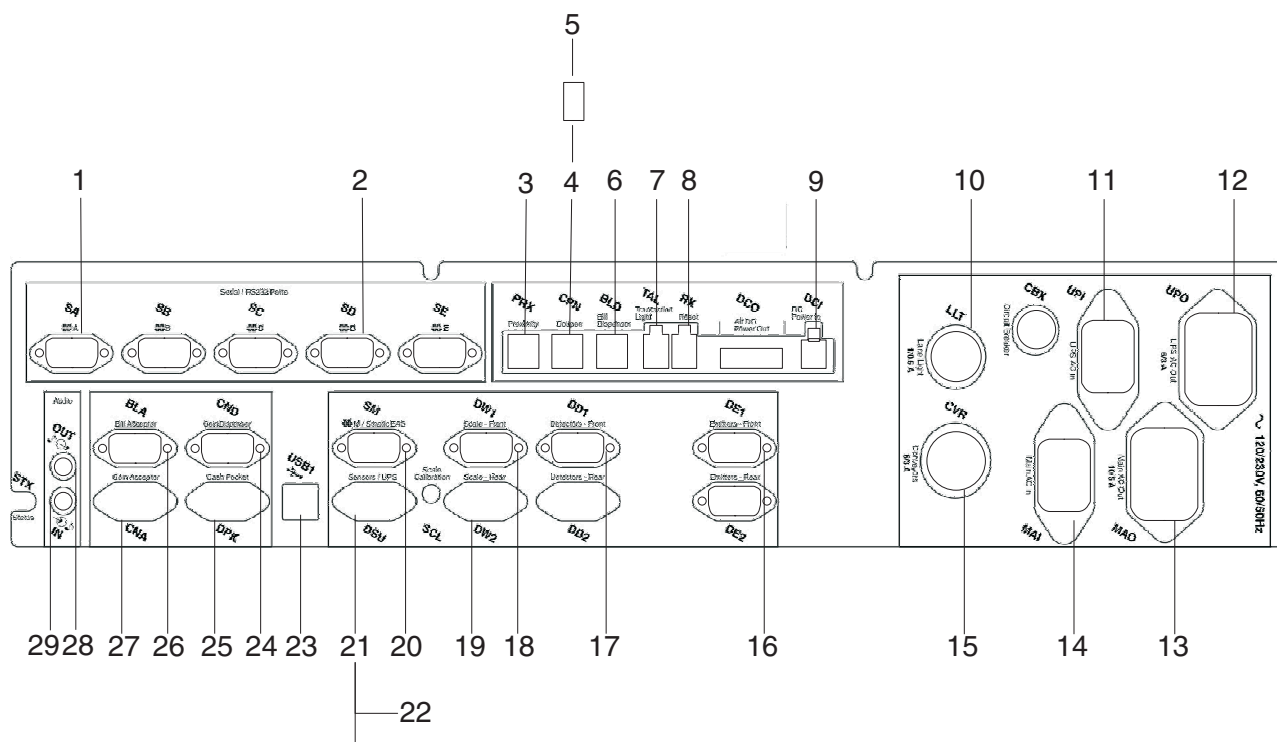


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# Chapter 10. Cables

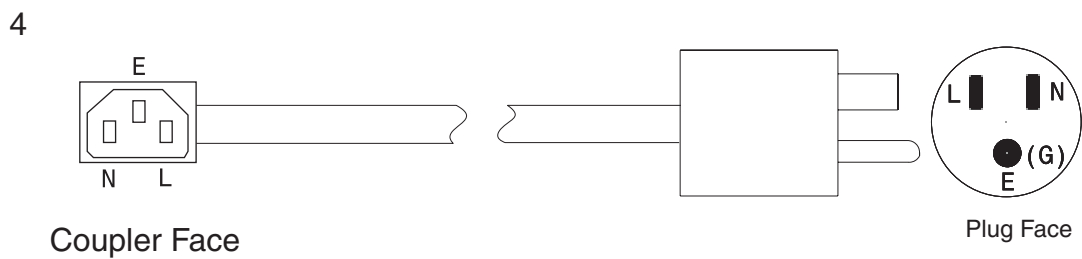
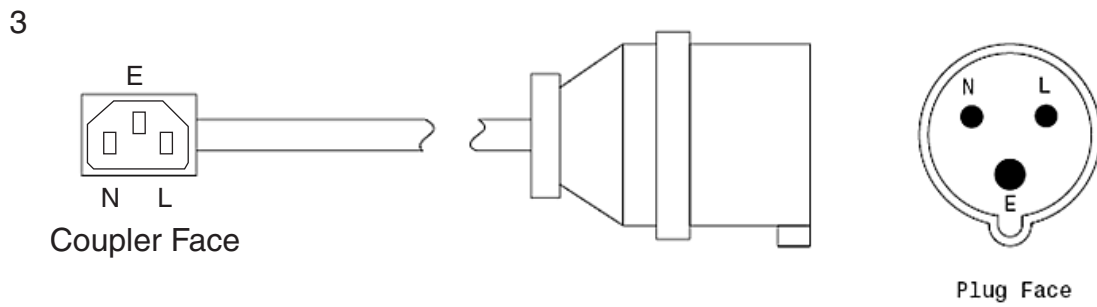
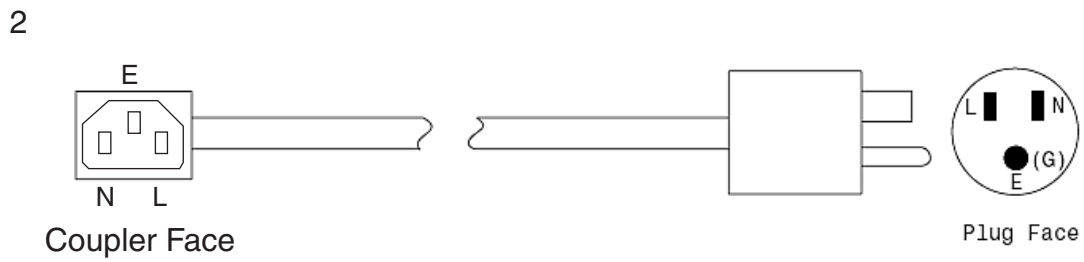
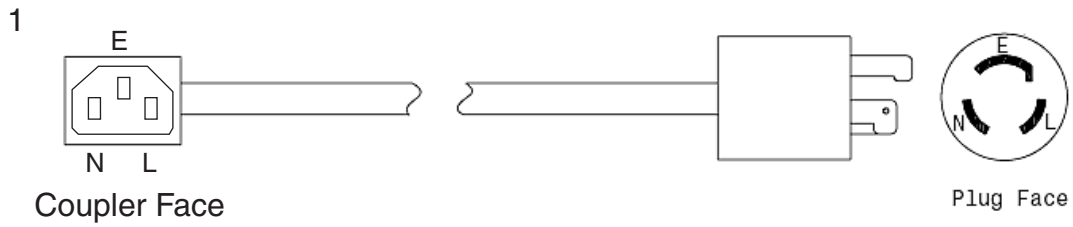
Assembly 31: Cables. . . . .	90
Assembly 32: Power Cords . . . . .	92

## Assembly 31: Cables



Asm- Index	Part Number	Units	Description
31-			The illustration shown here is for reference only. There is a tag on each cable that contains the part number for that cable. When ordering replacement cables reference the part number on the tag of the failing or broken cable.
-			See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	NA	1	Scanner/scale (optional) (SA) (Supplied by the scanner/scale manufacturer)
-2	41D7073	1	RS-232 Security scale (SD) Cable, 6 foot, DB9, male/female
-3	40M9472	1	Proximity sensor to security controller (PRX)
-4	41E1831	1	Coupon detector to security controller (CPN)
-5	41E1830	1	Coupon detector to coupon indicator LED
-6	40M9400	1	Bill dispenser RS232 cable (BLD)
-7	NA	1	Transaction awareness light (TAL) (comes as part of the light assembly)
-8	40M9470	1	Reset button (RX)
-9	41K6368	1	Security controller DC power (DCI) with power supply
-10	NA	1	Lane light (optional) (LLT) (comes as part of the light assembly)
-11	28R3565	1	Power input from uninterruptible power supply cable (UPI)
-12	28R3559	1	Uninterruptible power supply power output to device power strip (UPO) IEC60320 to C14 Adapter
-13	28R3559	1	Main power output (MAO)
-14	28R3589	1	Main power input from power filter box (MAI)
-15	40M9423	1	Capacitor box (CVB)
-16	41D7073	1	To curtain emitter (DE1) Cable, 6 foot, DB9, male/female
-17	41D7073	1	To curtain detector (DD1) Cable, 6 foot, DB9, male/female
-18	41D7073	1	Security scale front load cell (DW1) Cable, 6 foot, DB9, male/female
-19	41D7073	1	Security scale rear load cell (DW2) Cable, 6 foot, DB9, male/female
-20	44D1165	1	Sensormatic control cable
-21	41E1619	1	Splitter cable to uninterruptible power supply and sensors (DSU)
-22	41D7073	1	Cable to uninterruptible power supply from splitter cable
-22	41D9361	1	240V Cable to uninterruptible power supply from splitter cable
-23	41J7731	1	USB to lane PC (USB1)
-24	41K6352	1	Coin dispenser data cable (DB9 on one end, RJ45 on other)
-25	41K6365	1	Cash cup (DPK)
-	44M1643	1	Cash cup detector cable (not shown)
-	41J9835	1	Cash cup emitter cable (not shown)
-26	28R3684	1	Bill acceptor (BLA)
-27	41K6354	1	Coin acceptor cable, US/Canada
-27	41K6359	1	Coin acceptor cable, EMEA/Australia
-28	41K6370	1	Audio out to speaker (OUT)
-29	41K6369	1	Audio to lane PC (IN)
-	41D7072	1	10' Ethernet CAT5 cable
-	41D7075	1	5' Ethernet CAT5 cable
-	41D7073	1	ELO touchscreen Cable, 6 foot, DB9, male/female
-	41J7452	1	Cable harness loop style

## Assembly 32: Power Cords



<b>Asm- Index</b>	<b>Part Number</b>	<b>Units</b>	<b>Description</b>
32-1	39M5107	1	4.3m, Right angle power cord, NEMA L5-15P
-2	39M5073	1	4.3m, Nonlock right angle power cord, NEMA 5-15P
-3	39M5177	1	4.3m, Right angle power cord, IEC 309 16A/250V 2P+G
-4	41J8393	1	1.8m, Inline coupler power cord, IEC 320 10A/125V



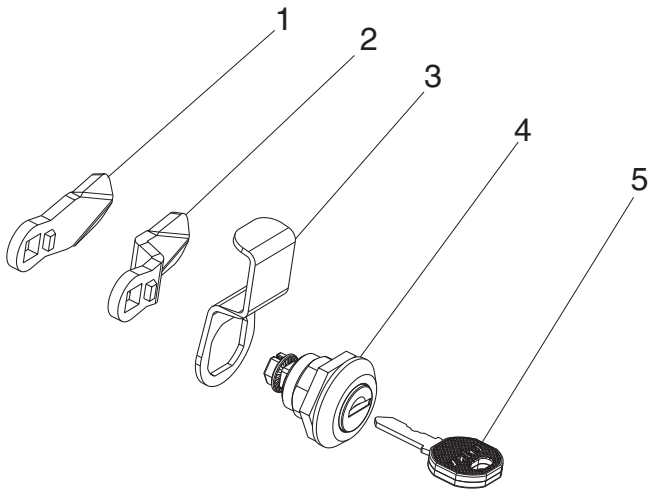
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# Chapter 11. Locks and Keys

Assembly 33: Currency Lock with Key . . . . . 96  
Assembly 34: Cabinet Lock with Key . . . . . 98

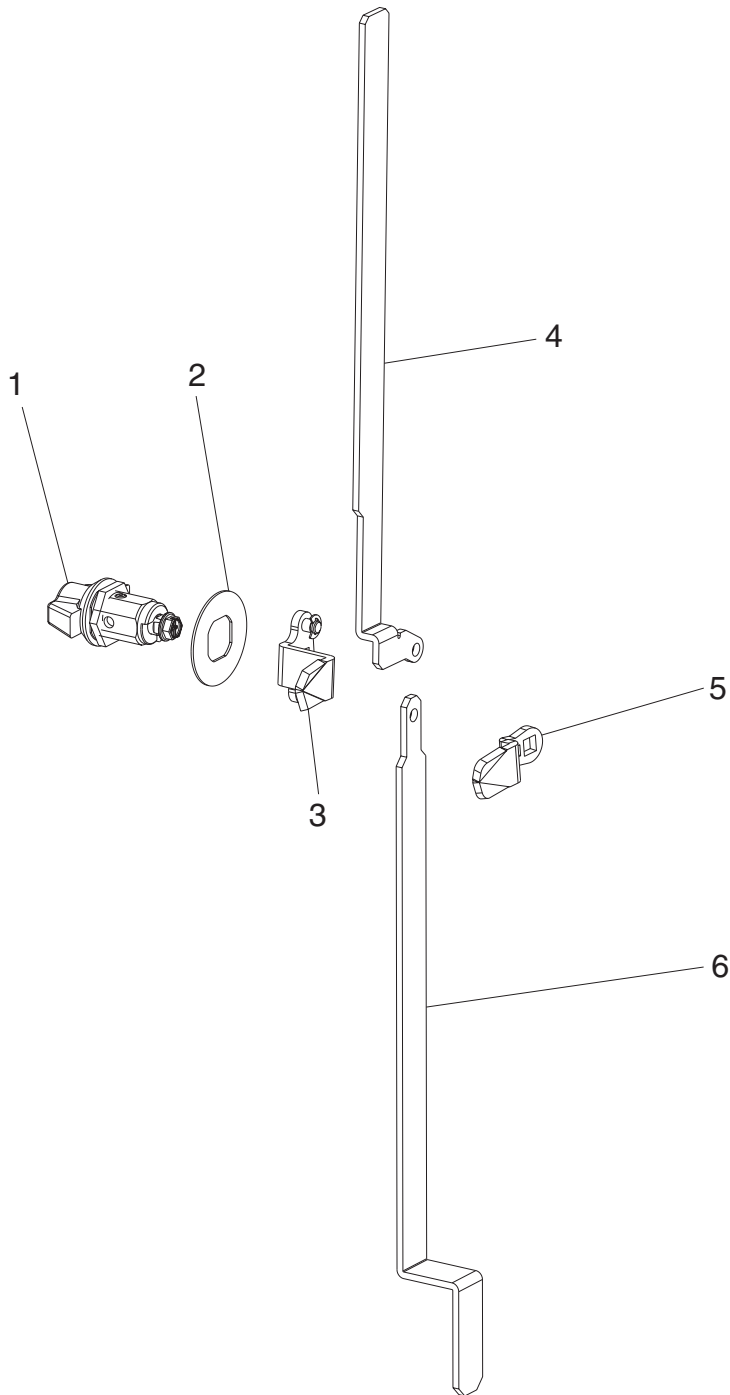
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## Assembly 33: Currency Lock with Key



Asm- Index	Part Number	Units	Description
33-1	41K6088	1	Coin lock cam
-2	41K6087	1	Safe lock cam
-3	44D0244	1	Safe door pull
-4	41K6120	1	Currency lock with key, combo #1, Emka key 306
-4	41K6121	1	Currency lock with key, combo #2, Emka key 314
-4	41K6122	1	Currency lock with key, combo #3, Emka key 321
-4	41K6123	1	Currency lock with key, combo #4, Emka key 343
-4	41K6124	1	Currency lock with key, combo #5, Emka key 351
-4	41K6125	1	Currency lock with key, combo #6, Emka key 382
-4	41K6126	1	Currency lock with key, combo #7, Emka key 420
-4	41K6127	1	Currency lock with key, combo #8, Emka key 437
-4	41K6128	1	Currency lock with key, combo #9, Emka key 463
-4	41K6129	1	Currency lock with key, combo #10, Emka key 520
-5	41K6130	1	Currency key, combo #1, Emka key 306
-5	41K6131	1	Currency key, combo #2, Emka key 314
-5	41K6132	1	Currency key, combo #3, Emka key 321
-5	41K6133	1	Currency key, combo #4, Emka key 343
-5	41K6134	1	Currency key, combo #5, Emka key 351
-5	41K6135	1	Currency key, combo #6, Emka key 382
-5	41K6136	1	Currency key, combo #7, Emka key 420
-5	41K6137	1	Currency key, combo #8, Emka key 437
-5	41K6138	1	Currency key, combo #9, Emka key 463
-5	41K6139	1	Currency key, combo #10, Emka key 520

## Assembly 34: Cabinet Lock with Key



Asm- Index	Part Number	Units	Description
34-1	42K0080	1	Cabinet lock with key, combo #1, Emka key 305
-1	42K0081	1	Cabinet lock with key, combo #2, Emka key 436
-1	42K0082	1	Cabinet lock with key, combo #3, Emka key 448
-1	42K0083	1	Cabinet lock with key, combo #4, Emka key 449
-1	42K0084	1	Cabinet lock with key, combo #5, Emka key 450
-1	42K0085	1	Cabinet lock with key, combo #6, Emka key 471
-1	42K0086	1	Cabinet lock with key, combo #7, Emka key 478
-1	42K0087	1	Cabinet lock with key, combo #8, Emka key 487
-1	42K0088	1	Cabinet lock with key, combo #9, Emka key 502
-1	42K0089	1	Cabinet lock with key, combo #10, Emka key 608
-	42K0090	1	Cabinet key, combo #1, Emka key 305
-	42K0091	1	Cabinet key, combo #2, Emka key 436
-	42K0092	1	Cabinet key, combo #3, Emka key 448
-	42K0093	1	Cabinet key, combo #4, Emka key 449
-	42K0094	1	Cabinet key, combo #5, Emka key 450
-	42K0095	1	Cabinet key, combo #6, Emka key 471
-	42K0096	1	Cabinet key, combo #7, Emka key 478
-	42K0097	1	Cabinet key, combo #8, Emka key 487
-	42K0098	1	Cabinet key, combo #9, Emka key 502
-	42K0099	1	Cabinet key, combo #10, Emka key 608
-2	41K6585	1	Lock indicator
-3	41K6094	1	Lock cam, lower door
-4	41K6105	1	Latch bar, upper RH, lower door
-4	41K6597	1	Latch bar, upper LH, lower door
-5	41K6087	1	Lock cam, upper door
-6	41K6104	1	Latch bar, lower, lower door
-	41K6098	1	Vertical crossbar lock bar, upper door (for doors with a single lock)
-	41K6099	1	Horizontal crossbar lock bar, upper door (for doors with a single lock)
-	41K6100	1	Latching bar, upper door, right hand (for doors with a single lock)



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## Chapter 12. Field Kits and Tools

Assembly 35: Field Kits and Tools . . . . .	102
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Field kits contain an assortment of screws, washers, nuts, and bolts.

Hardware items such as screws, bolts, nuts, and washers, removed during the disassembly of parts should be retained for use during re-assembly of those parts. Screws, bolts, nuts, and washers can not be ordered separately, they are available as part of a field kit.

---

## Assembly 35: Field Kits and Tools

Asm- Index	Part Number	Units	Description
35—	41D7009	1	4845 Fastener kit <b>This kit contains:</b>
—			2 — #4-40 Hex nuts
—			2 — #6-32 Lock nuts
—			2 — 1/4"-20 Hex nut
—			2 — #6-32 Hex nut
—			2 — #8-32 Nylon lock nuts
—			2 — #10-32 Nylon nuts
—			2 — 1/4"-20 Hex nuts
—			8 — 1/4"-20 Nylon nuts
—			4 — 5/16"-18 Hex nuts
—			2 — 1/4"-20 x 1/2" Phillips head pan screws
—			2 — #10-32 x 3" Phillips head pan screws
—			2 — M3 x 8mm Slotted flat head screws
—			2 — #6-32 x 3/8" Phillips pan screws
—			2 — #10-32 x 5/8" Phillips pan head screws
—			2 — #6-32 x 1/4" Phillips pan head screws
—			2 — #10-32 x 5/8" Phillips pan head screws
—			2 — #6-32 x 1/4" Phillips pan head screws
—			2 — #10-32 x 1/2" Phillips pan head screws
—			2 — #10-32 x 1/4" Cup point set screws
—			2 — #10-32 x 1/2" Phillips sheet metal screws
—			2 — #5/16"-18 x 4" bolts
—			2 — #10-32 x 1/2" Cup point set screws
—			2 — #6-32 x 3/8" Phillips flat head machine screws
—			2 — #8-32 x 1/2" Black Phillips washer head screws
—			2 — #6-32 x 1/4" Flat head screws
—			2 — #8-32 x 5/8" Phillips sheet metal flange head
—			2 — #8-32 x 1/2" Phillips pan head sheet metal screws
—			2 — #8-32 x 3/4" Phillips sheet metal screws
—			2 — #10-32 x 5/8" Phillips pan head screws
—			4 — #10-32 x 1/2" Button head machine screws
—			2 — #10-32 x 1/2" Phillips Pan head screws
—			2 — #10-32 x 3/4" Phillips pan head machine screws
—			2 — 1/4"-28 x 1-1/2" Hex cap screws
—			2 — 1/4"-20 x 3/4" Hex cap screws
—			2 — 1/4"-20 x 5/8" Hex cap screws
—			2 — 1/4"-20 x 1" Phillips flat head screws
—			4 — 1/4"-20 x 1" Hex cap screws
—			2 — 1/4"-20 x 2-1/4" Hex cap screws
—			2 — 1/4"-20 X 1-1/4" Hex cap screws
—			2 — Fully threaded rod
—			2 — 3/8"-16 x 1" Hex cap screw
—			2 — 3/8" Lock nuts
—			2 — #4-40 x 5/8" Phillips pan head screws
—			4 — Hinged black screw cover
—			4 — 1/4"-20 x 3/4" Phillips pan head screws
—			4 — #10-32 x 1/4" Phillips pan head machine screws
—			2 — #10-24 x 1/4" Pan head machine screws
—			2 — M4 x 8mm screws
—			2 — M5 x 6mm Phillips pan head machine screws
—			2 — #6-32 x 1/2" Self-tapping screws
—			2 — #6 External star washers
—			2 — #6 Split lock washers

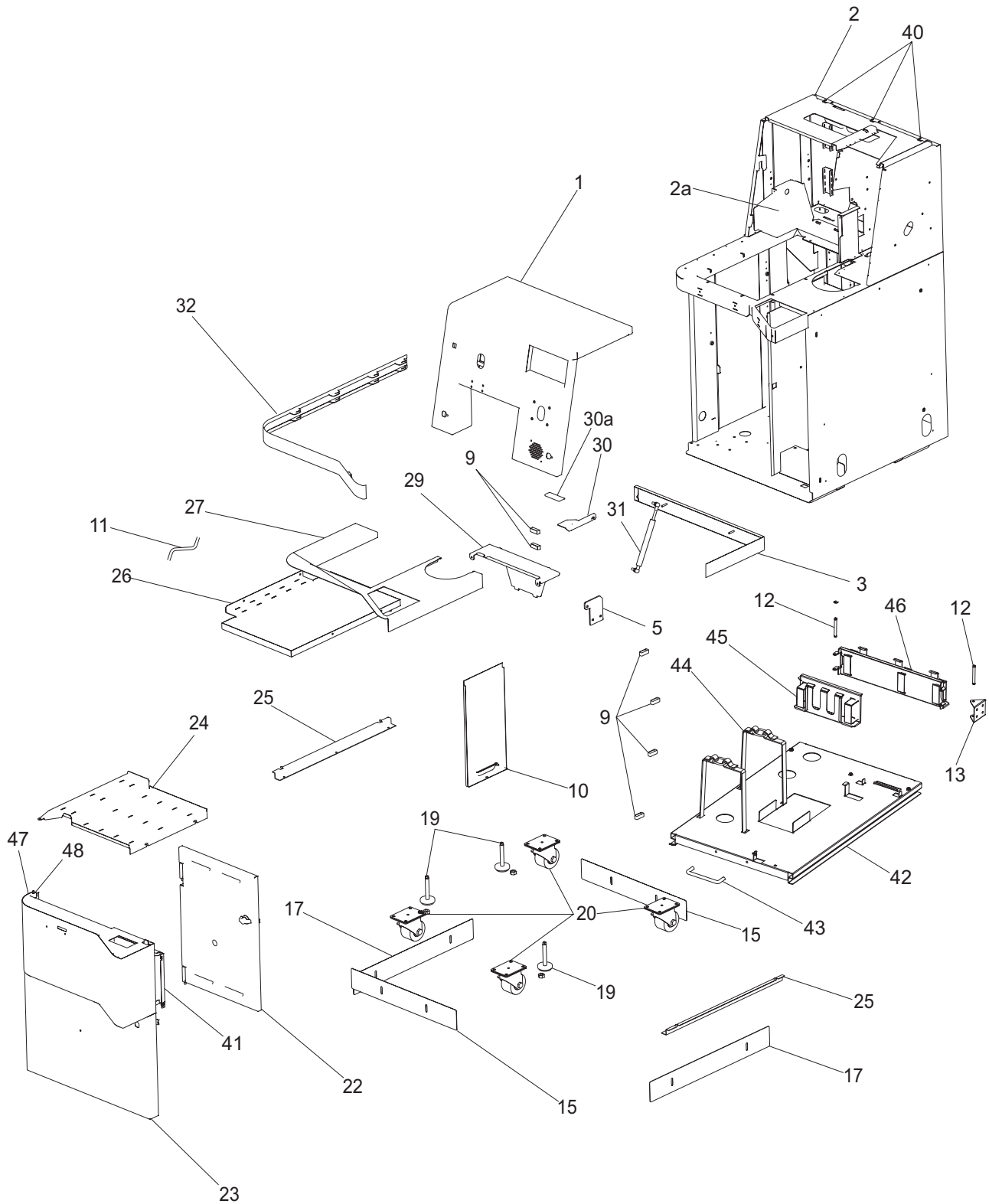
Asm- Index	Part Number	Units	Description
–			2 – #4 Split lock washers
–			2 – 1/4" x 1/2" Hex cap screws
–			4 – 5/16" Flat washers
–			2 – #10 Flat washers
–			4 – 1/4" Flat washers
–			4 – 1/4" Split lock washers
–			2 – 1/4" External star washers
–			2 – 3/8" Split lock washers
–			4 – 1/4" Flat washers
–			2 – 1/4"-20 x 2-1/2" Hex screws
–			4 – #10-24 Nylon lock nuts
–	44D0412	1	Washer/clip kit
–	44D0533	1	UNC screw kit
–	44D0534	1	Metric screw kit
–	44M2154	1	Cash module lower door field adjustment kit, right hand
–	44M2155	1	Cash module lower door field adjustment kit, left hand
–	44D1606	1	Sensormatic field installation kit
–	41D9631	1	Velcro tape
–	44D1776	1	Version 3.00 Ghost software kit
–	41D9350	1	US coin acceptor programming module
–	41D9351	1	Canadian coin acceptor programming module
–	41D9352	1	UK coin acceptor programming module
–	41D9353	1	Euro coin acceptor programming module
–	41D9354	1	Australian coin acceptor programming module
–	41D9355	1	US penniless coin acceptor programming module
–	41D7101	1	Bill dispenser fastener kit (fasteners, screws, and retainers)
–	41K6284	1	Bill dispenser screwdriver kit

# Appendix A. Cabinet Parts and Sensors

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This appendix contains the locations and descriptions of the cabinet parts. Cabinet parts can be ordered by description from the IBM Self Checkout Solution service center. You must have the IBM Self Checkout Solution model number, cabinet part description, customer name, color, and whether the machine is a left hand or right hand model.

## Assembly 36: Core Module Cabinet FRUs

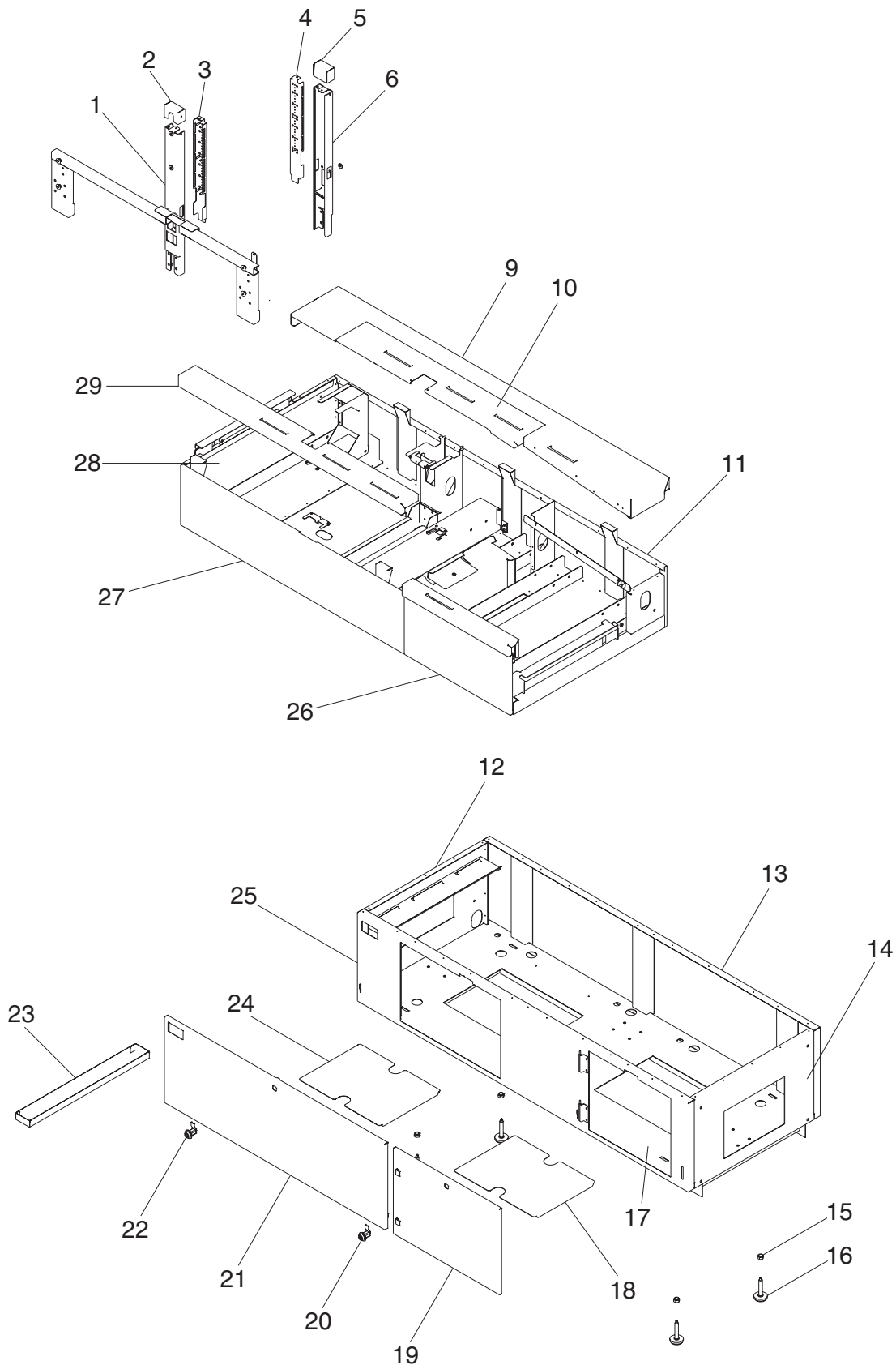


Asm- Index	Part Number	Units	Description
36-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1			Upper door assembly (No part number assigned, custom color part)
-2			Cabinet Weldment (No part number assigned, custom color part)
-3	42K0056	1	Rear bumper
-5	42K0068	1	Gas spring stiffener plate
-9	41K6103	1	Cable retainer, hook and loop
-10			Exterior access panel (No part number assigned, custom color part)
-	41K6165	1	Access panel thumbscrew/retainer (not shown)
-11	41K6164	1	Drip pan tubing
-12	41K6600	1	Cable, basket shaft
-13	41K6148	1	Cable basket bracket
-15	41K6150	1	Front/rear kick plate
-17	41K6149	1	Left/right kick plate
-19	41D7344	1	Leveler (replaces 39Y0601)
-20	12R9478	1	Caster, swivel
-22	41K6167	1	PC access door assembly, right hand
-22	41K6168	1	PC access door assembly, left hand
-23			Lower door assembly, cash module (No part number assigned, custom color part)
-24	41K6154	1	Accessory shelf, right hand
-24	41K6155	1	Accessory shelf, left hand
-25	41K6156	1	PC/Uninterruptible power supply shelf bracket
-26	41K6162	1	Drip pan, right hand
-26	41K6163	1	Drip pan, left hand
-27			Upper countertop assembly (see "Assembly 18: Countertop" on page 44 for a complete listing of available countertops)
-29	42K0057	1	Scanner hood
-30	41K6151	1	Upper door cover stop, right hand
-30	41K6152	1	Upper door stop cover, left hand
-30A	41K6153	1	Upper door cover stop nut
-31	42K0051	1	Gas spring
-32	41K6157	1	Bumper, front
-	41K6159	1	Bumper gasket (not shown)
-40	41K6102	1	Upper door hinge (includes fasteners)
-41	41K6106	1	Lower door, coupon box assembly
-	41K6108	1	Lower door keyboard retaining bracket (not shown)
-42	41K6140	1	PC/uninterruptible power supply shelf, right hand
-42	41K6141	1	PC/uninterruptible power supply shelf, left hand
-43	41K6083	1	Drawer pull
-44	41K6142	1	Velcro strap for uninterruptible power supply
-45	41K6144	1	Cable basket, short, right hand
-45	41K6146	1	Cable basket, short, left hand
-46	41K6143	1	Cable basket, long, right hand
-46	41K6145	1	Cable basket, long, left hand
-47	44M1961		Lower door welded hinge pin, right hand
-47	44M1959		Lower door welded hinge pin, left hand
-48	41J6659	1	Lower door hinge spacer plate (not shown)
-	41K6595	1	Door stop, lower (not shown)
-	41D8382	1	Adjuster, lower door, RH (not shown)
-	41D8383	1	Adjuster, lower door, LH (not shown)
-	41K6572	1	Upper door cable cover (not shown)

Asm- Index	Part Number	Units	Description
–	42K0050	1	Spacer for scanner leveler (not shown)
–	41K6147	1	Velcro strap for cable basket (not shown)
–		1	Filler plate, lane light mount opening (used if lane light mount is not used, not shown) (no part number given, custom color part)

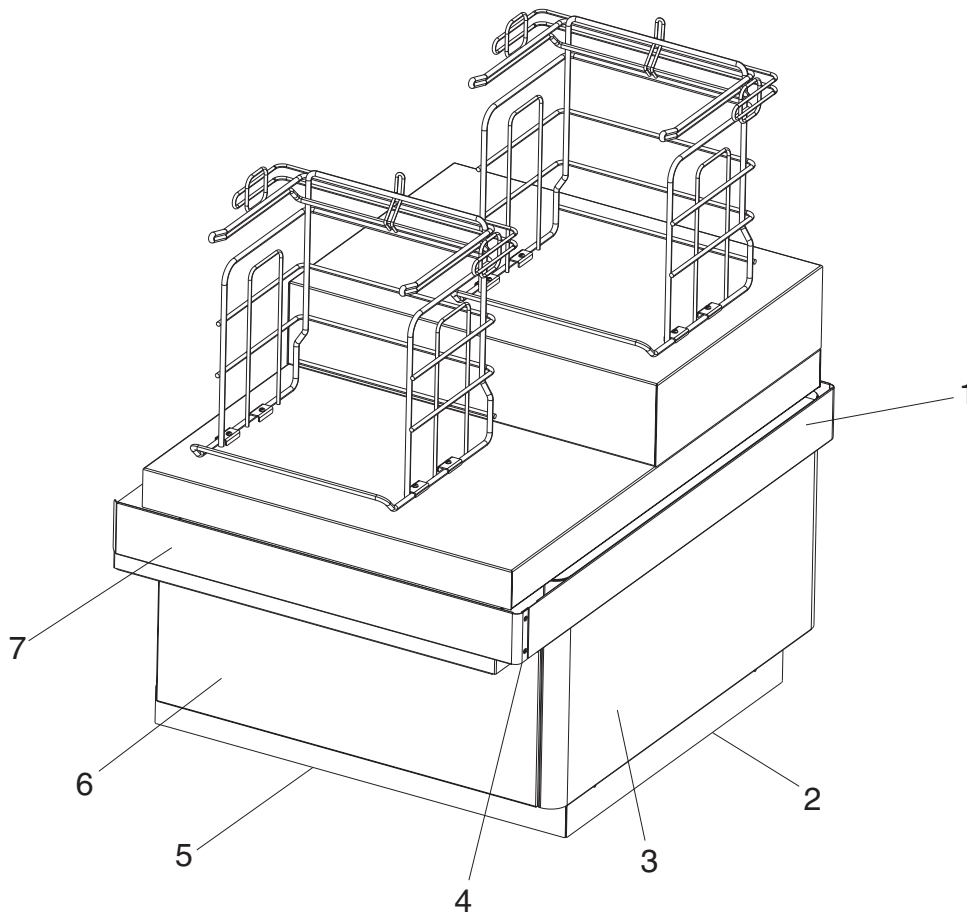


## Assembly 37: Security Conveyor and Transport Conveyor Cabinet



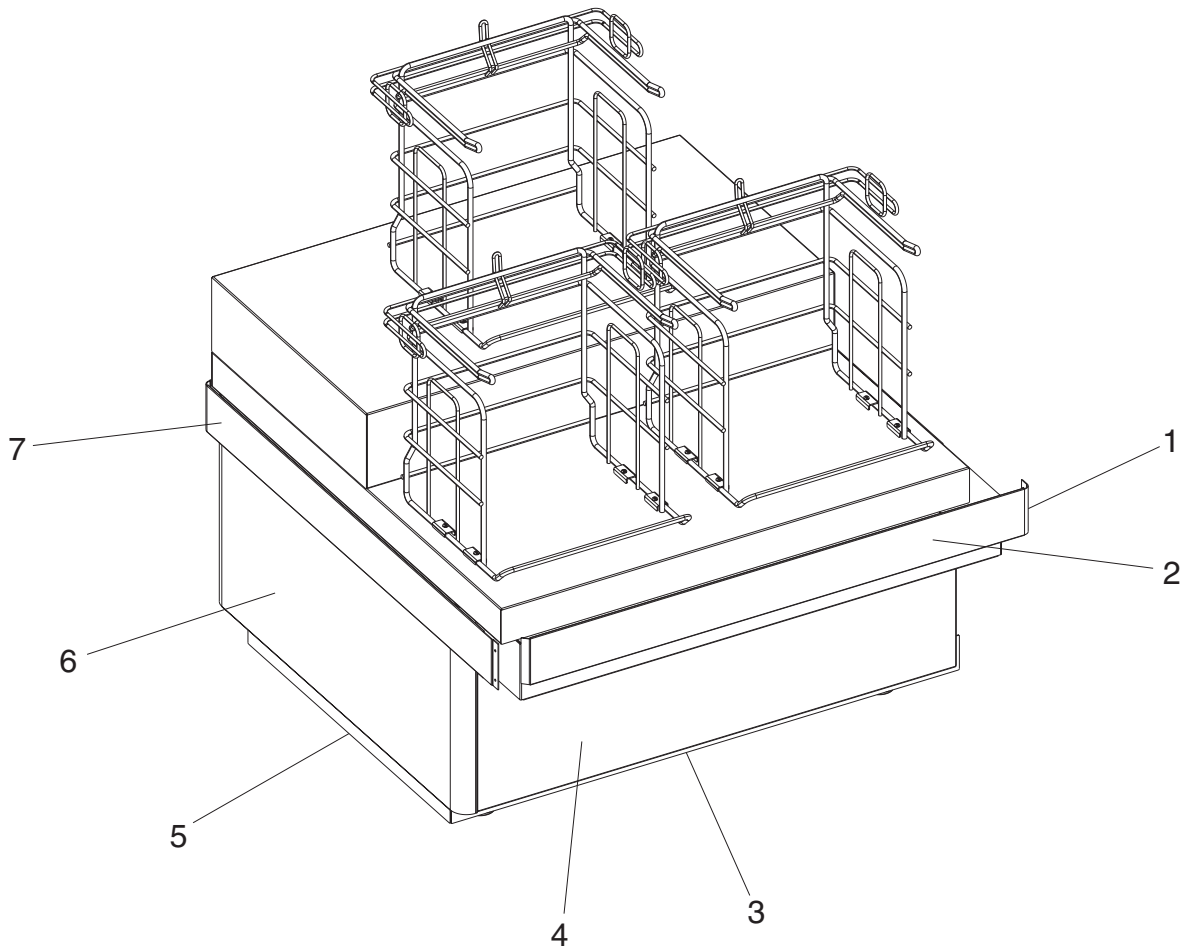
Asm- Index	Part Number	Units	Description
37-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1			Tower (a single welded assembly, the front curtain support). See 24-30 on page 62.
-2			Tower cap. See 24-32 on page 62.
-3			Curtain detector assembly. See 24-32 on page 62 for detector/emitter FRU number.
-4			Curtain emitter assembly. See 24-32 on page 62 for detector/emitter FRU number.
-5			Tower cap. See 24-32 on page 62.
-6			Tower, rear curtain support. See 24-33 on page 62.
-7			Channel support
-8			Support bracket
-9			Access door assembly
-10			Wide rail
-11			Upper cabinet console
-12			Front bulkhead
-13			Lower panel
-14			Rear bulkhead
-15			Leveler lock nut
-16			Leveler
-17			Lower cabinet
-18			Cover plate
-19			Transport section door (no FRU number given, custom color part)
-20	41K6382	1	Hex key cam lock
-21			Security module lower access door (no FRU number given, custom color part)
-22	41K6382		Hex key cam lock
-23			Trash tray
-24			Cover plate
-25			Lower door panel
-26			Transport conveyor access panel (no FRU number given, custom color part)
-27			Security conveyor access panel (no FRU number given, custom color part)
-28			Bulkhead assembly
-29			Narrow rail (shopper side)

## Assembly 38: Models 152, 602, and 612 Bagging Cabinet



Asm- Index	Part Number	Units	Description
38-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	44D1363	1	Side bumper assembly
-2			Side kickplate
-3		1	Side access cover (no FRU number given, custom color part)
-4	44D1151	2	Corner bumper connector bracket (one on each side)
-5	44D0859	2	Front/rear kickplate
-6		2	Front/back cover (no FRU number given, custom color part)
-7	44D1365	1	Front bumper assembly
-	44D1366	1	Rear bumper assembly (not shown)
-	41K6382	1	Hex key cam lock
-		1	Lane light mounting clamp (not shown, used when lane light assembly is mounted to the Models 152, 602, and 612 bagging module). See 20- on page 49 for FRU number.
-		1	Lane light mounting strap (not shown, used when lane light assembly is mounted to the Models 152, 602, and 612 bagging module). See 20- on page 49 for FRU number.

## Assembly 39: Models 153, 603, and 613 Bagging Cabinet



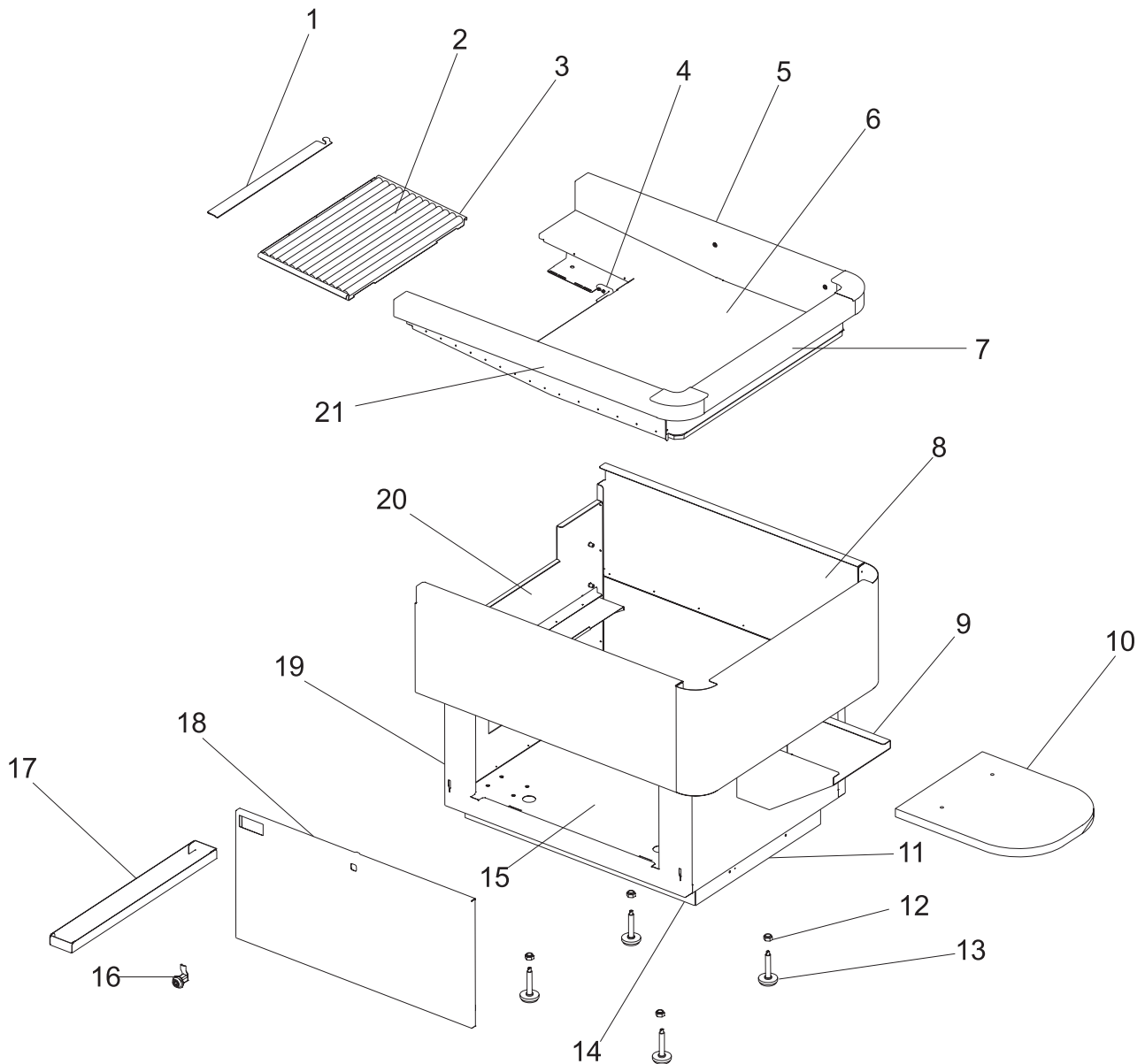
Asm- Index	Part Number	Units	Description
39-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	44D1151	2	Corner bumper connector bracket (one on each side)
-2	44D1364	2	Front/rear bumper assembly
-3	44D0860	2	Front/rear kickplate
-4		1	Front access cover (no FRU number given, custom color part)
-5		1	Side kickplate
-6		2	Side/back cover (no FRU number given, custom color part)
-7	44D1363	1	Side bumper assembly

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## **Assembly 40: Model N54 Bagging Cabinet**

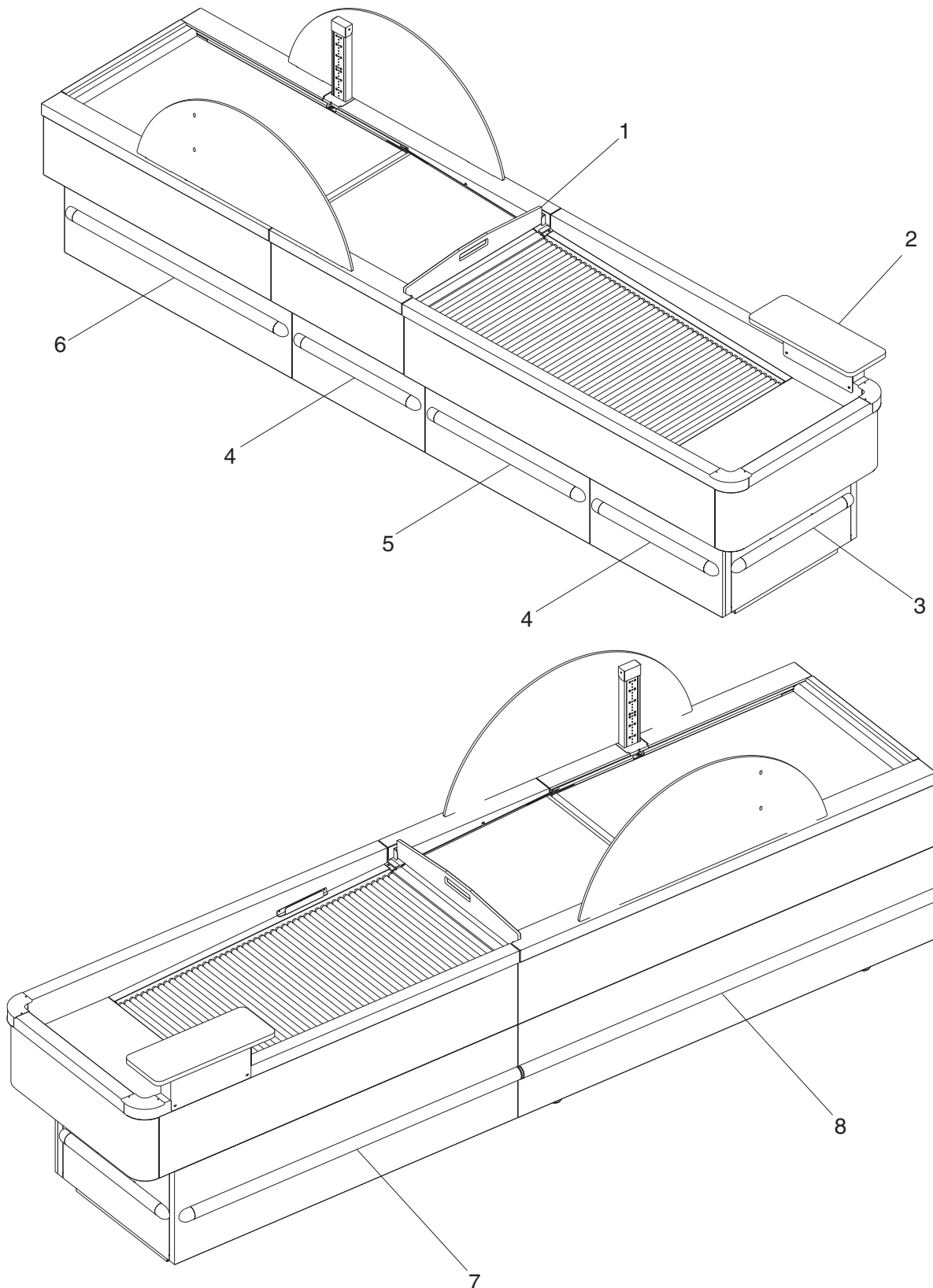
Asm- Index	Part Number	Units	Description
40-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-			Front/rear bumper assembly
-	41J9751	1	Front/rear kickplate
-	41J9752	1	Side kickplate
-	41J9750	1	Side bumper assembly

## Assembly 41: Models 171, 800, and 810 Bagging Cabinet



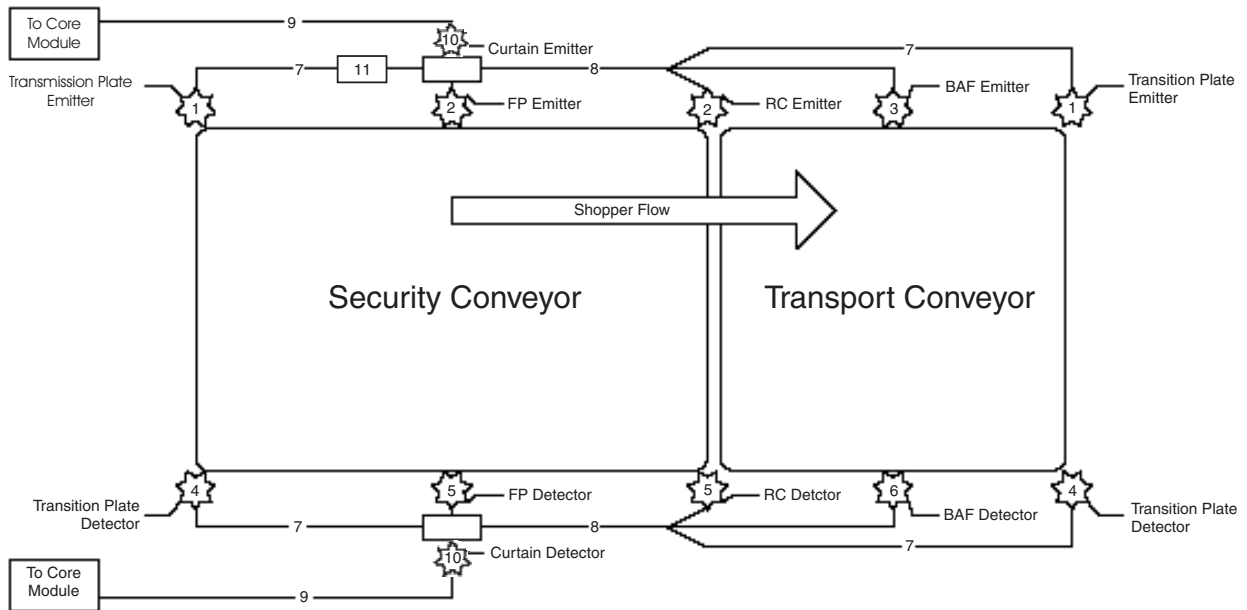
Asm- Index	Part Number	Units	Description
41-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	44D0264	1	Rear (bagging) transition plate, for right hand, standard lane with 19 inch belt
-	44D0266	1	Rear (bagging) transition plate, for right hand, wide lane with 25 inch belt
-	44D0265	1	Rear (bagging) transition plate, for left hand, standard lane with 19 inch belt
-	41K6387	1	Roller assembly for right hand, standard lane with 19 inch belt (includes rollers, frame, bracket, rear transition plate, cover plate, screw, wing nut)
-	44D0274	1	Roller assembly for left hand, standard lane with 19 inch belt (includes rollers, frame, bracket, rear transition plate, cover plate, screw, wing nut)
-2	41K6388	1	Bagger roller for standard lane with 19 inch belt
-	44M1749	1	Bagger roller for wide lane with 25 inch belt
-	44M2123	1	M5 nylon wing nut (not shown)
-3	44M1995	1	Roller frame bracket
-	44M1992	1	Roller frame cover plate (not shown, located under the rollers)
-4	41K6391	1	Hinge bracket
-5			Side rail assembly
-6			Desk pan
-7			Desk pan holder
-8			Cabinet upper console
-9	41K6386	1	Bagging shelf support
-10	41K6385	1	Bagging shelf
-	41D8119	1	Bagging shelf (for 90 degree angled bag rack, right hand or left hand)
-11	41K6384	1	End kickplate for 19, 28, 48, and 66 inch bagging cabinets
-12			Nut leveler adjusting lock nut
-13			Leveler
-14	44D0854	1	Side kickplate for 19 inch bagging cabinet
-	44D0855	1	Side kickplate for 28 inch bagging cabinet
-	44D0856	1	Side kickplate for 48 inch bagging cabinet
-	44D0857	1	Side kickplate for 66 inch bagging cabinet
-15			Frame, Weldment
-16			Hex key cam lock
-17			Trash tray
-18			Cabinet door
-19			Panel, lower door
-20			Bulkhead assembly
-21			Side rail

## Assembly 42: Models 171, 800, and 810 Bumpers, Order Separators, Soft Goods Shelf



Asm- Index	Part Number	Units	Description
42-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1	41J7126	1	25 inch order separator
-1	41J7127	1	19 inch order separator
-2	41K6379	1	Bagger soft good shelf
-	41D8764	1	Bumper, stock gray, 140mm (not shown, used on core module)
-	41D8766	1	Bumper, stock gray, 150mm (not shown, used on bagging module)
-	41D8768	1	Bumper, stock gray, 280mm (not shown, used on core module)
-	41D8770	1	Bumper, stock gray, 470mm (not shown, used on core module)
-3	41D8772	1	Bumper, stock gray, 540mm
-4	41D8772	1	Bumper, stock gray, 540mm
-5	41D8774	1	Bumper, stock gray, 700mm
-6	41D8776	1	Bumper, stock gray, 1030mm
-7	41D8778	1	Bumper, stock gray, 1450mm
-8	41D8780	1	Bumper, stock gray, 1840mm
-	44D0852	1	Side kickplate, 19 in. security module
-	44D0853	1	Side kickplate, 25 in. security module

## Assembly 43: Sensors, Emitters, and Detectors



Asm- Index	Part Number	Units	Description
43-			Be sure to specify whether you are ordering replacement parts for a left hand or a right hand model. See "How to Use This Parts Manual" on page v for general parts manual information, including ordering parts. See "Identifying a Right Hand or Left Hand Model" on page v for how to identify left hand and right hand models.
-1			Transition plate emitter. See 25- on page 65 for FRU number.
-2			Flat pack sensor emitter and also exit sensor emitter. See 24-11 on page 61 and 24-12 on page 61 for FRU number.
-3			Bagging area full emitter sensor assembly. See 25-15 on page 65 for FRU number.
-4			Transition plate detector. See 25- on page 65 for FRU number.
-5			Flat pack sensor emitter and also exit sensor emitter. See 24-26 on page 62 and 24-12 on page 61 for FRU number.
-6			Bagging area full detector sensor. See 25-21 on page 65 for FRU number.
-7			Transition plate extension cable. See 24- on page 62 for FRU number.
-8			Sensor extension cable. See 24- on page 62 for FRU number.
-9			DB9 cable curtain emitter/detector extension cable. See 31-16 on page 91 for FRU number.
-10			Curtain detector/emitter sensor assembly. See 24-32 on page 62 for FRU number.
-11	44M1624	1	Ferrite core (on transition plate extension cable)



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## Appendix B. Notices

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## Electronic emission notices

### Federal Communications Commission (FCC) statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

### European Union EMC Directive conformance statement

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class A Information Technology Equipment according to CISPR 22/European Standard EN 55022. The limits for Class A equipment were derived for commercial and industrial environments to provide reasonable protection against interference with licensed communication equipment.

**Attention:** This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

European Community contact:

IBM Technical Regulations  
Pascalstr. 100, Stuttgart, Germany 70569  
Telephone: 0049 (0)711 785 1176  
Fax: 0049 785 1283  
E-mail: tjahn@de.ibm.com

## Industry Canada Class A Emission Compliance statement

This Class A digital apparatus complies with Canadian ICES-003.

## Avis de conformité aux normes d'Industrie Canada

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## Germany

**Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) vom 30. August 1995 (bzw. der EMC EG Richtlinie 89/336).**

Dieses Gerät ist berechtigt in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Konformitätserklärung nach Paragraph 5 des EMVG ist die IBM Deutschland Informationssysteme GmbH, 70548 Stuttgart

Informationen in Hinsicht EMVG Paragraph 3 Abs. (2) 2:

Das Gerät erfüllt die Schutzanforderungen nach EN 50082-1 und EN 55022 Klasse A.
--

EN 55022 Klasse A Geräte müssen mit folgendem Warnhinweis versehen werden:

"Warnung: dies ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funkstörungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen durchzuführen und dafür aufzukommen."

EN 50082-1 Hinweis:

"Wird dieses Gerät in einer industriellen Umgebung betrieben (wie in EN 50082-2 festgelegt), dann kann es dabei eventuell gestört werden. In solch einem Fall ist der Abstand bzw. die Abschirmung zu der industriellen Störquelle zu vergrößern."

Anmerkung:

Um die Einhaltung des EMVG sicherzustellen sind die Geräte, wie in den IBM Handbüchern angegeben, zu installieren und zu betreiben.

## Australia and New Zealand

**Attention:** This is a Class A product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures.

## Japanese power line harmonics compliance statement

高調波ガイドライン適合品

高調波ガイドライン適合品

## Japanese Voluntary Control Council for Interference (VCCI) statement

**Attention:** This product is a Class A Information Technology Equipment and conforms to the standards set by the Voluntary Control Council for Interference by Technology Equipment (VCCI). In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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---

## Cable ferrite requirement

All cable ferrites are required to suppress radiated EMI emissions and must not be removed.

---

## Electrostatic Discharge (ESD)

**Attention:** ESD damage can occur when there is a difference in charge between the part, the product, and the service person. No damage will occur if the service person and the part being installed are at the same charge level.

### ESD Damage Prevention

Anytime a service action involves physical contact with logic cards, modules, back-panel pins, or other ESD sensitive (ESDS) parts, the service person must be connected to an ESD common ground point on the product through the ESD wrist strap and cord.

The ESD ground clip can be attached to any frame ground, ground braid, green wire ground, or the round ground prong on the AC power plug. Coax or connector outside shells can also be used.

### Handling Removed Cards

Logic cards removed from a product should be placed in ESD protective containers. No other object should be allowed inside the ESD container with the logic card. Attach tags or reports that must accompany the card to the outside of the container.

---

## Product Recycling and disposal

This unit must be recycled or discarded according to applicable local and national regulations. IBM encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. IBM offers a variety of product return programs and services in several countries to assist equipment owners in recycling their IT products. Information on IBM product recycling offerings can be found on IBM's Internet site at <http://www.ibm.com/ibm/environment/products/prp.shtml>.

Español:

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Appliances are labeled in accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment (WEEE). The Directive determines the framework for the return and recycling of used appliances as applicable throughout the European Union. This label is applied to various products to indicate that the product is not to be thrown away, but rather reclaimed upon end of life per this Directive.

In accordance with the European WEEE Directive, electrical and electronic equipment (EEE) is to be collected separately and to be reused, recycled, or recovered at end of life. Users of EEE with the WEEE marking per Annex IV of the WEEE Directive, as shown above, must not dispose of end of life EEE as unsorted municipal waste, but use the collection framework available to customers for the return, recycling, and recovery of WEEE. Customer participation is important to minimize any potential effects of EEE on the environment and human health due to the potential presence of hazardous substances in EEE. For proper collection and treatment, contact your local IBM representative.

Disposal of IT products should be in accordance with local ordinances and regulations.

---

## Battery return program

This product may contain sealed lead acid, nickel cadmium, nickel metal hydride, lithium, or lithium ion battery. Consult your user manual or service manual for specific battery information. The battery must be recycled or disposed of properly. Recycling facilities may not be available in your area. For information on disposal of batteries outside the United States, go to <http://www.ibm.com/ibm/environment/products/batteryrecycle.shtml> or contact your local waste disposal facility.

In the United States, IBM has established a return process for reuse, recycling, or proper disposal of used IBM sealed lead acid, nickel cadmium, nickel metal hydride, and other battery packs from IBM equipment. For information on proper disposal of these batteries, contact IBM at 1-800-426-4333. Please have the IBM part number listed on the battery available prior to your call.

## For Taiwan:



Please recycle batteries.

## For the European Union:



**Notice:** This mark applies only to countries within the European Union (EU)

Batteries or packaging for batteries are labeled in accordance with European Directive 2006/66/EC concerning batteries and accumulators and waste batteries and accumulators. The Directive determines the framework for the return and recycling of used batteries and accumulators as applicable throughout the European Union. This label is applied to various batteries to indicate that the battery is not to be thrown away, but rather reclaimed upon end of life per this Directive.

In accordance with the European Directive 2006/66/EC, batteries and accumulators are labeled to indicate that they are to be collected separately and recycled at end of life. The label on the battery may also include a chemical symbol for the metal concerned in the battery (Pb for lead, Hg for mercury and Cd for cadmium). Users of batteries and accumulators must not dispose of batteries and accumulators as unsorted municipal waste, but use the collection framework available to customers for the return, recycling and treatment of batteries and accumulators. Customer participation is important to minimize any potential effects of batteries and accumulators on the environment and human health due to the potential presence of hazardous substances. For proper collection and treatment, contact your local IBM representative.

## For California:

**Perchlorate material – special handling may apply**

Refer to <http://www.dtsc.ca.gov/hazardouswaste/perchlorate>.

The foregoing notice is provided in accordance with *California Code of Regulations Title 22, Division 4.5, Chapter 33: Best Management Practices for Perchlorate Materials*. This product/part includes a lithium manganese dioxide battery which contains a perchlorate substance.

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## Flat panel displays

The fluorescent lamp in the liquid crystal display contains mercury. Dispose of it as required by local ordinances and regulations.

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## Monitors

Connecticut - Please see the web site of the Department of Environmental Protection at <http://www.ct.gov/dep> for information about recycling covered electronic devices in the State of Connecticut, or telephone the Connecticut Department of Environmental Protection at 1-860-424-3000.

Washington - Please see the web site of the Department of Ecology at <http://1800recycle.wa.gov/> for information about recycling covered electronic devices in the State of Washington, or telephone the Washington Department of Ecology at 1-800Recycle.

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